

Questionnaire

Summary of the main activities of a research institute of the Slovak Academy of Sciences

Period: January 1, 2012 - December 31, 2015

1. Basic information on the institute:

1.1. Legal name and address

Institute of Archaeology of Slovak Academy of Sciences
Akademická 2
949 21 Nitra
Slovakia

1.2. URL of the institute web site <http://www.archeol.sav.sk/>

1.3. Executive body of the institute and its composition

Directoriat	Name	Age	Years in the position
Director	doc. PhDr. Matej Ruttkay, CSc.	54	8
Deputy director	PhDr. Ivan Cheben, CSc./PhDr. Karol Pieta, DrSc.	63 and 74	8
Scientific secretary	PhDr. Klaudia Daňová, PhD.	38	6

1.4. Head of the Scientific Board

doc. PhDr. Gertrúda Březinová, CSc.

1.5. Basic information on the research personnel

1.5.1. Number of employees with university degrees (PhD students included) engaged in research projects, their full time equivalent work capacity (FTE) in 2012, 2013, 2014, 2015, and average number of employees in the assessment period

	2012		2013		2014		2015		total		
	number	FTE	number	FTE	number	FTE	number	FTE	number	averaged number per year	averaged FTE
Number of employees with university degrees	60,0	48,940	60,0	53,950	62,0	51,710	60,0	54,130	242,0	60,5	52,183
Number of PhD students	14,0	8,990	18,0	12,320	22,0	13,370	21,0	13,710	75,0	18,8	12,098
Total number	74,0	57,930	78,0	66,270	84,0	65,080	81,0	67,840	317,0	79,3	64,280

1.5.2. Institute units/departments and their FTE employees with university degrees engaged in research and development

Research staff	2012		2013		2014		2015		average	
	No.	FTE	No.	FTE	No.	FTE	No.	FTE	No.	FTE
Institute in whole	60,0	48,940	60,0	53,950	62,0	51,710	60,0	54,130	60,5	52,183
Department of the Prehistoric Archaeology	13,0	10,830	13,0	12,500	13,0	11,100	13,0	10,140	13,0	11,143
Department of the Early History and Collaborating Natural-Scientific Disciplines	8,0	7,300	9,0	7,660	11,0	7,790	10,0	9,300	9,5	8,013
Department of The Medieval and Early Modern Age Archaeology	12,0	10,160	10,0	9,800	10,0	9,800	11,0	10,800	10,8	10,140
Department of the Rescue excavation and Survey	19,0	12,750	20,0	16,760	21,0	16,100	20,0	17,890	20,0	15,875
Department of The Research of Eastern Slovakia	6,0	5,900	6,0	5,230	5,0	5,000	5,0	5,000	5,5	5,283
Department of The Scientific-Technical information and Restoration Laboratories	2,0	2,000	2,0	2,000	2,0	1,920	2,0	1,000	2,0	1,730

1.6. Basic information on the funding of the institute

Institutional salary budget and others salary budget

Salary budget	2012	2013	2014	2015	average
Institutional Salary budget <i>[thousands of EUR]</i>	888,914	905,042	918,751	958,924	917,908
Other Salary budget <i>[thousands of EUR]</i>	213,716	200,493	151,887	101,445	166,885

1.7. Mission Statement of the Institute as presented in the Foundation Charter

According to its Foundation Charter, the Institute of Archaeology of SAS (hereinafter referred to as the Institute) is a type of scientific organization with budget economy. The Institute was founded in 1939 and is a legal person capable of receiving rights and undertaking obligations independently. It manages assets obtained from its own activity or assigned to finance its functions and business activity. These assets are recorded in its financial and operating records. The Institute of Archaeology of SAS is the oldest and the best personally and technologically equipped institution dealing with archaeology in Slovakia. Its structure includes specialists from other fields of study necessary for effective archaeological research (geology, geophysics, zoology, botany, numismatics, anthropology, etc.).

The Institute's activities according to the Foundation Charter include:

- development of scientific research activity in the sub-group of sciences – historical sciences and archaeology, classical archaeology and museology;

- archaeological research in Slovakia and abroad according to generally valid legal regulations;
- providing doctoral studies according to generally valid legal regulations. The Institute is a training institution for education of new scientists in the field of archaeology (together with Faculty of Arts Comenius University in Bratislava and Faculty of Arts Constantine the Philosopher University in Nitra), provides education and preparation of PhD students for the Institute itself as well as for other organizations, provides practical terrain lessons for Slovak and foreign students of all degrees, organizes summer schools of archaeology in cooperation with foreign partners;
- providing publishing of the results of scientific research activity in periodicals and non-periodical journals ruled by resolutions of the SAS's Presidium. It edits and publishes: journals of Slovenská archeológia, Študijné zvesti AÚ SAV, the annual Archeologické výskumy a nálezy na Slovensku, Východoslovenský pravek, participates in publishing of the journal Archaeologia historica. Monograph series Archaeologica Slovaca Monographiae, Acta interdisciplinaria Archaeologica, Archeologické pamätníky Slovenska have been active for many years as well as the edition of proceedings from scientific events Communicationes, the series of VARIA and in cooperation with the National Numismatic Committee and the A. Točík's society, the annual slovenská numizmatika, it published an edition of proceedings from scientific events;
- creating and administration of study and comparative collections documenting human activities in prehistory, early history and the Middle Ages; it manages a collection of archaeological finds from the Institute's investigations;
- presents the results of its investigation activities also in form of exhibitions and expositions in Slovakia and abroad;
- in accordance with Act no. 49/2002 Coll. on the protection of the monuments and historic sites, it manages and administers the Central evidence of archaeological sites in Slovakia and elaborates expert opinions and statements for self-governing regions, state administration and specialized state administration;
- in accordance with Act No. 15 Article 6 Act no. 133/2002 Coll. on the Slovak Academy of Sciences, it can conduct business activities related to its main tasks;
- it provides consultations in the fields of archaeology, archaeometry-geophysics, paleozoology, paleoanthropology, archaeobotany, numismatics;
- organizes national and international specialized seminars and scientific conferences and congresses;
- it publishes specialist and popular-science publications;
- carries out archaeological investigations and excavation, including non-destructive surveys (aerial and surface prospecting, geophysics, etc.);
- organizes educational programmes (education, presentation of archaeological sites, exhibitions);
- elaborates studies and reviews on influences of construction activity on archaeological sites and environment.

The Institute resides in Nitra, Akademická 2. Besides the head office in Nitra, the Institute has the following branches:

- a) Research department in Košice for works in the region of East Slovakia; it includes the base in Spišská Nová Ves;
- b) Research base in Liptovská Sielnica;
- c) Research base in Bratislava;
- d) Detached branch office in Zvolen;
- e) Detached branch office – special facility in Malé Vozokany; Nitra “Martinský vrch”- Dobšinského street;
- f) Excavation expeditions in the areas of long-term terrain archaeological investigations (Iža, Bojná, Čingov, Počúvadlo, etc.).

Organizational scheme of the departments in the Institute of Archaeology of SAS:

1. Department of prehistorical archaeology (OAP);
2. Department of early historical archaeology and related natural science disciplines (OAV);
3. Department of archeology of the Middle Ages and early Modern History (OAS);
4. Department of rescue archaeology and prospecting (OZV);
5. Department of research of Eastern Slovakia (OVVS);
6. Department of scientific and technical information and restoration laboratories (VTI);
7. Technical and economic administration (THS);
8. Secretariat/permanent administrative office

1.8. Summary of R&D activity pursued by the institute during the assessment period in both national and international contexts, (recommended 5 pages, max. 10 pages)

The Institute of Archaeology of SAS is the most distinguished expert scientific research institute for prehistorical, proto-historical and historical archaeology in the Slovak Republic. Using scientific methods, it carries out prospecting and recording of archaeological sites, their excavation and theoretical evaluation and publishes the results in European cultural-historical context.

The Institute focuses mainly on explaining the following scientific topics: paleolithic cultures in Slovakia and their place in the European context, origin and development of agricultural and shepherd communities in Central Europe in prehistory and early history, the Antique world and Slovakia, development of metallurgy, ethnogenesis of Slavs, beginnings of Slovak national history, origin and development of the Great Moravia, social determinations and cultural-historical connections in the culture of the early and High Middle Ages in the Kingdom of Hungary and in European context, the landscape-nature-society-man relation, development of settlement and formation of cultural landscape. Intense interdisciplinary work is integral part of the process of research.

Archaeology as a historical science solves tasks which in many ways exceed modern borders. Our Institute with more than a 70-year-long tradition has been integrated in international research space for a long time and significantly contributes to creation and description of the older part of our territory's history and our earliest national history.

The Institute of Archaeology is a specific organization within Science Department III of SAS. Besides archaeologists, it employs scientists from other fields of study (history, numismatics, geology, geophysics, gemology, anthropology, zoology, botany, museology, geodesy). A large group of technical workers-specialists (chemical laboratory workers, terrain archaeological technicians, conservationists, technical writers, 3D documenters, etc.) is integral part of our work team. This fact is manipulatively reflected in the calculation of the institution's complete payroll fund for scientific workers or their scientific productivity. With regard to the extent of activities and spatial zoning, the institute is the only scientific workplace of Department III of SAS with its own Technical-economic administration.

Research of specific topics by research teams is essential in the scientific work of the Institute. The scientific program of the Institute is organized in five scientific departments which interfere in solving research projects. Three of them – Department of prehistorical archaeology, Department of archaeology of early history and related natural science disciplines, Department of archaeology of the Middle Ages and Early Modern History – correspond with the main three chronological as well as civilisation stages of the historical development as an object of study. The fourth, organisationally cross-sectional, segment is Department of rescue archaeology and prospecting with a specific mission and demanding scientific and managerial role mainly at advance rescue excavations carried out at investment constructions as well as in non-destructive prospecting of archaeological sites (aerial survey, geophysical survey, etc.) and modern 3D documentation and visualisation. Department for research of Eastern Slovakia is the fifth scientific workplace residing in Košice and detached base in Spišská Nová Ves. Its tasks are related mainly to the regions of Eastern Slovakia and neighbouring territories. Several research teams work permanently or seasonally at research base in Bratislava, Malé Vozokany, Počúvadlo, Iža and Liptovská Sielnica.

The Institute manages special facilities in Malé Vozokany and Nitra "Martinský vrch" – Dobšinského street. They are used as depositories of archaeological finds and also as places where extensive collections of finds can be processed. Malé Vozokany is also used as a research base for important scientific research projects (e. g. two projects in Vráble carried out within DFG, construction of roads between Nitra and Banská Bystrica, topography of the upper Žitava region, research of an eneolithic settlement in Čierne Kláčany, etc.)

The Department of scientific documentation and chemical laboratories as well as the scientific library (84 474 volumes), Slovak documentation archive, editorial team, scientific depositories, conservation laboratory, draftsmen, photographers are connected with the scientific programme.

The Institute's management puts pressure on the scientists to participate in research project in Slovakia and abroad. The aim is to make the topics of domestic and international projects touch wider questions of the civilisation development in Slovakia and Central Europe, especially the updated concept of history of Slovakia's territory, the relation between man and natural environment, historical process of integration and disintegration of Central European society, relation between the periphery and the centre, relations of communities in different economic and cultural development stages, dynamics of social hierarchy, reflection of spiritual culture in archaeological sources, structure of settlement and its dependence on the geographical environment and economic potential of the region, civilisational relation between Slovakia and other parts of Europe.

In the evaluated period, the Institute's management did their best to keep the same number of employees and provide new specialists and experts in science. The number of employees in the Institute was kept on the stable level during the whole evaluated period.

The personnel policy is conducted to improve the qualification structure of the Institute. It has successfully managed the transformation to the new form of doctoral study and there are first graduates already. Due to the change in legislation (concluding "old" doctoral studies in 2010 and the beginning of the new system caused a lag in doctoral studies in 2013 and the gradual increase in the number of studying and graduated PhD students). Within the competitive international environment, the Institute aims to accept the best students and not only its own. Thus, graduates from Budapest, Krakow, Brno or Moscow have become part of scientific teams either temporarily or permanently. Receiving two scholarship students within SASPRO programme was a very positive signal. As part of post-doctoral supporting schemes, we are regularly awarded posts in the Schwarz Fund programme. The number of habilitated researchers and experts who passed to qualification stage IIa has increased; on the other hand, the number of assistant employee has decreased mainly due to modern apparatus and computer equipment (self-sufficiency in documentation, technical and editorial preparation of publications by individuals or in external projects is increasing). Great attention was paid to generational continuity. PhD students or post-doctoral students received several long-term stays at foreign universities and scientific workplaces and many respected awards.

The Institute as a training workplace for PhD students considers external doctoral studies an important form of education, since mainly practice creates the criteria for selection of the best applicants for everyday pace of scientific work. The fact that these students, despite studying mostly at IA SAS, must pay high fees to the respective university is a great flaw.

Besides the professional growth (often accompanied by existential problems) of young experts and PhD students, the level of qualifications of scientists has increased remarkably. Along with several promotions to the category of independent scientific workers, two habilitations took place in the monitored period and some more are prepared. Participation of the Institute's employees in the educational process at universities is stable (Brno, Bratislava, Nitra). Six investigators guaranteed or co-guaranteed study programmes at universities (Nitra, Bratislava).

The evaluated accreditation period also brought a significant change in the project organization of research. While grant projects of VEGA were the essential factor of the scientific programme in the theoretical part in the past, a new trend has appeared recently – the attempt to obtain more other kinds of funded projects. First of all, the number of applications was higher and better quality, which resulted in more accepted applications thanks to their quality.

The accepted VEGA grants have a rising tendency in number (from 15 in 2012 to 20 in 2015) and funds (from 146,000 to 168,000 EUR). They received high points at accepting as well as at evaluation of their results. All submitted grants in VEGA grant agency are being financed, i. e. we are 100% successful (mostly in A and B category). Almost all creative employees are members of grant teams. Several projects are being solved in cooperation with universities (Constantine the Philosopher University in Nitra, University in Trnava, Technical University in Zvolen).

Institute of Archaeology SAS has enforced activities in relation to winning projects within structural funds of the EU. In the evaluated period, the Institute solved two so-called big projects (from 5 applications) and now is preparing two other projects within new call (together with universities). We must emphasize that it is one of the few institutions of social science in Slovakia which has succeeded. Our aim is to compose the projects so that they follow from solving scientific research tasks in connection with other projects and, naturally, with international cooperation. The problem is that the bureaucracy is enormous either in the stage of submitting or during solving. It sometimes results in discouragement of expert solvers (detailed daily reports, etc.). Nevertheless, the situation has improved recently. We also fight lack of quality capacities in some areas (conservation science, IT specialists, etc.).

The number of international grants with participants from IA SAS is on a standardly high level. The Institute has developed intense contacts with renowned institutions in and outside Europe. As a "subcontractor" of some projects, it cooperates with successful ERC projects "The time of Their Life" Cardiff University UK (home page: totl.eu) and "From the earliest modern humans to the onset of farming (45000-4500BP)" University College Dublin, Ireland (home page <https://sites.google.com/site/pinhasierc>). Archaeological Institute has provided samples from different selected locations (Svodín – Neolithic period, Mlynárce and Lužianky).

It is positive that in all important schemes, we do not only have an increased number of approved projects, many of the finished projects have been claimed by experts as outstanding (EU SF – so-called Best of the Best, APPV – Early medieval centres of power in the central Danube region, VEGA – Migration – Acculturation – Mobility – Trade in the Late Migration Period and the Early Middle Ages in the Area of Slovakia – M. Ruttkay, Contribution of East European nomadic groups to shaping of cultural-historical development of Slovakia in the Hallstatt period – E. Miroššayová and Between the Antiquity and the Middle Ages. Ethnic-Cultural Relations in the Middle Danubian Region from the Celtic Occupation till the Beginning of the Middle Ages – K. Pieta) and Fortified settlements in the Early Bronze Age in Slovakia – centers of production, distribution, exchange, cult and residence of social elite? – J. Bátora.

Naturally, the closest contacts are maintained with academic as well as non-academic institutions in the neighbouring countries, where they solve the same or similar scientific research tasks dealing with protohistorical and medieval development of Central Europe. Besides common partial projects, we have entered basic agreements of cooperation with them. Some of them were prolonged in the monitored period, following specific projects – Institute of Archaeology Czech Academy of Science, Prague; Institute of Archaeology Czech Academy of Science, Brno; Régészeti intézet, MTA Budapest; Univ Budapest; Instytut archeologii PAN Kraków; Römisch-germanische Kommission (RGK) des Deutschen archäologischen Instituts... Recently, more renowned institutions were added to the list of mutual contacts – Bochum, Moscow, Kazakhstan, Paris, latest Beijing and Kiel.

From international projects, we must point out to the renewed project investigating a settlement from the Bronze Age and an early Christian village in Kuwait (cooperation with the National Council for Culture, Arts and Letters, State of Kuwait). Experts from several European and Asian countries participate in this challenging research.

The extent of our contacts is best documented by the high number of international projects and the long list of our exchange partners who have subscribed for our books and journals (due to their scientific interest). The projects which have been influencing international research for a long time include the Slovak-German project of investigation of early medieval hillforts (in

cooperation with the Goethe University Frankfurt). Besides other results, the project is an incubator for new PhD students (Nitra, Frankfurt).

One of the key projects of last years is the project called "*The settlement structure and the environment in the Neolithic and the Bronze Age in the territory of so-called. Slovak gate and lower Gran Tales*", which achieved great results in 2008-2011 and since 2011 has been approved as a scientific research project of DFG – German Research Foundation (Germany).

This activity is also an example of intense cooperation of several institutions (RGK/Roman-Germanic Commission – Frankfurt, Deutsches Bergbau-Museum Bochum – University of Heidelberg). Recently, another common project with UNI-Kiel has been approved within DFG.

The important status of the Institute in international research and refining investigation methods or achieving unique results is also documented by the project called Princely tomb from the Great Migration Period in Poprad-Matejovce. Immediately after the discovery of the unique tomb with almost exclusively wooden construction and numerous organic finds, an international group of investigators was created to study the object (a large part of which has been transported in blocks to laboratories in Schleswig in Germany). The greatest volume of investigations was carried out in 2012-2015, also with support from DFG. Now, the research team is working on three volumes of the final monograph which will be published in 2017 under the aegis of Schleswig and Nitra. Another important result is conservation of the complete tomb inventory which is deposited in the scientific depositories in Nitra and prepared to be exhibited in the exposition of the Podtatranské Museum in Poprad.

The result of the long-term German-Slovak cooperation is the project named *Research of Roman field camps in Barbaricum north of the middle Danube in Slovakia*, which is focused on discovering and investigation of rather unknown Roman marching camps.

The Institute regularly participates in solving various tasks following from international invitations of the EU, especially various forms of programmes Culture – Castles between the Rhine and Danube rivers, Archaeolandscapes, etc.

From the aspect of international cooperation, regular preparation of three summer schools of archaeology in Slovakia (early medieval hillforts in Slovakia, medieval castle of Zvolen – Pustý hrad, Settlement and burial ground in the early Bronze Age in Nižná Myšľa) is a considerable act.

Central topics of the monitored period included partial research of individual eras in the oldest history of Slovakia and Central Europe as well as of a wider territory from the Early Stone Age to the pre-industrial era of the Modern History. This effort is documented by a range of scientific and expert monographs and studies published in Slovakia as well as abroad. During four years period the employees of Archaeological Institute published 49 monographs. The fact that many of the studies are published in peer-reviewed outputs is very positive.

Publishing activity of the Institute is standardly on a high level. In the monitored period, we managed to erase the lag in preparation of the respected scientific journal Slovenská archeológia, which has been published twice a year since 1953. It reaches full periodicity, is included in the ERIH database and currently, steps have been taken to register it with SCOPUS. Young researches more often participate in publishing. Since 2010, the Institute has started to prepare publishing of the full content of its periodicals on the internet. With regard to copyright laws, this process is complicated (authors' permission for publishing). However, we assume that in 2016, we will be able to start publishing. All issues of Študijné zvesti, Slovenská archeológia and AVANS as well as many other titles published since 2004 have been available on the internet since 2013 (<http://www.cevnad.sav.sk/%C5%A1tudijn%C3%A9-materi%A1ly.html>).

The so-called false periodicals include Archeologické výskumy a nálezy na Slovensku – AVANS, Slovenská numizmatika, Pravek východného Slovenska and monograph series Acta Interdisciplinaria Archaeologica – AIA, Archaeologica Slovaca Monographiae – Catalogi, Fontes, Studia and VARIA, or Archeologické pamätníky Slovenska.

The Institute has a rich library whose fund is enriched by purchases from project sources and mostly by exchanges with our partners. The library is open to public. In the monitored period, we started to digitize the library records (so far, all monographs and majority of periodicals have been included). It makes working with literature much easier, as well as checking physical presence of the publication in the library, access to new publications, etc. Many non-institutional publications and studies in digital form are also available via the intranet.

A special emphasis must be put on the foreign monograph Neanderthals at Bojnice in the context of Central Europe and other monographs – The treasures from Žalobín, Prehistoric settlement in Lozorno-Široké diely (West Slovakia), The Arpad dynasty coins from 1000-1301: Their Role in the Development of medieval Slovakia's Economy - Veľká Lomnica - Burchbrich Urzeitliches Dorf unter den Hohen Tatra. Studies on the Carolingian-type strap fittings. 8th-10th century. Part I. II, Desert castle at Zvolen: Lower castle Neolithic and Aeneolithic House Architecture in South-Western Slovakia based on the clay daub analysis. Mužla-Čenkov II = Mužla-Čenkov II. Settlement from 9th-13th centuries. Bükk culture in Slovakia in the light of investigations in Šarišské Michaľany and Zemplínske Kopčany, Strongholds – castles of Western Slavs.

First three (out of 9 planned) volumes of Staré Slovensko publications are important for expert and general public as they will summarize historical development of our territory anew, after more than 80 years.

It is not only a summary of archeology's results in the last decades, it is a new analysis of the whole development and a new view of our past not only from the point of view of material culture but also with the reconstruction of life, social situation, environmental influences, development of the cultural landscape, etc. Setting all processes in at least Central European context is natural.

Monographs from the new VARIA series with a collection of works dealing with the historical development of entire regions are very popular.

Vertical topics from the aspect of the oldest use of natural resources in the northern part of the Carpathian Basin, paleoecology, archaeobotany, anthropology and archaeozoology were also developed. Special attention was paid to the development of modern terrain prospecting which is connected not only with the database of spatial archaeology but it also extends and identifies the basic fund of the national as well as European cultural heritage in the segment of archaeological monuments.

In this context, winning a scientific research project within the EU's structural funds is extremely important (Research and development, measure 2.1). Within four activities, current processes of archaeology are being dealt with to solve scientific questions as well as make investigation or access to results of scientific work in the field of archaeology and related scientific disciplines less difficult – creation of a research centre, teaching the most modern methods, modern survey of selected areas, conservation science.

New and vital opportunities for basic and applied research are brought by use of natural scientific dating methods on archaeological and historical objects which helps solve confrontation of written sources with archaeological facts and historical models. Investigation of mobility of historical societies moves to new levels by means of DNA tests and analyses of isotopes of metals (strontium, etc.). Several of the Institute's projects demonstrate its connection with scientific research aims and projects of key European institutions. We also guide the new topics of doctoral works in this direction.

Archaeology is gradually changing into a significantly interdisciplinary field of study and this trend is fully copied by the Institute of Archaeology of SAS.

All experts and specialists actively participate in the scientific research process. We accept the clear global trend – project financing with the attempt to primarily win projects with the time frame of 3-5 years. Projects are a suitable opportunity for the young generation to join the research process and also one of the options how to obtain funds for employing PhD graduates. Here, we use our rich experience of participation and leadership in international projects.

The basic research is the vital part of scientific research and applied research is also its natural part. In recent years, besides analyses of new funds, we enforced the trend of processing older excavations as main tasks for either our workers or doctoral, master and bachelor works' topics. We managed to provide funds for projects of systematic terrain excavation (Bojná, Nižná Myšľa, Cinobaňa, Zvolen-Pustý hrad, Nitra-castle, Biňa, Santovka, Rybník, etc.). Thanks to this opportunity, we can carry out targeted scientific research followed by prompt publishing of its results.

Strategy in achieving the programmed goals of the Institute had to be solved in often very complicated economic conditions. Some of the important previously searched sites became national cultural monuments after 1989 and are connected with regional or national cultural-social events. Along with supporting tourism, some sites where the Institute has an external research station or cooperates with local organizations and authorities (museums, self-governing regions, civic associations) became cores of considerable scientific activities (Liptovská Sielnica-Liptovská Mara). It is e. g. development of experiments in archaeology (new archaeo-parks, Great Moravian hillfort in Bojná, polycultural site of Nitra "Martinský vrch", fortified settlement from the Early Bronze Age in Nižná Myšľa), exact verification of production methods and the way of life of historical societies.

Participation in archaeological rescue research is essential for knowing, saving and protection of archaeological cultural heritage. The largest such researches include a collection of excavations at highway constructions in northwestern and western Slovakia, investigation and discovery of unique Roman architectures in the Celtic environment (unique in the territory north of the Alps) at the castle in Bratislava, excavations in Košice-Hradová, Zvolen-Pustý hrad, Nitra, Čierne Kľačany, Bzovík, Štrba-Šoldov, Prešov, etc. Hard and strict deadlines in the contracts with investors motivated our investigating teams to work harder and more effectively, to finish prospecting and documentation works faster and professionally evaluate their results. This can only be achieved by strict rationalization in terrain work, especially introducing modern equipment and technology. To maintain all scientific parameters in prospecting, documentation and evaluation of results in this almost serial performance of investigation, the Department of rescue archaeology and prospecting plays a great role. It deals with complicated questions of contractual relationships with investors, realisation of necessary surveys and investigations, providing workers from the Institute and other institutions in Slovakia. In the evaluated period, hundreds of large and small investigations were carried out (819 archaeological excavation between 2012 and 2015).

Research infrastructure and computer equipment as well as documentation and records have been significantly improved in the recent years. Even a greater development of conservation laboratories is highly desirable. New projects within SF EU are composed and guided in this direction.

The Institute of Archaeology organized many international scientific events in 2012-2015. In relation to them or following them, it published valuable proceedings. The most distinguished international events with predominance of foreign investigators include the conferences of RURALIA 2013, Grundprobleme 2012-2015 and others. The Institute also organized two meetings of EAC – European Archaeologica Council in November 2011 and January 2016.

Results of the Institute's research activity and a selection of numerous important outputs are contained in annual reports and are incorporated in the following parts of the accreditation account so we do not comment on them in detail here.

Protection and rescue of our cultural heritage is an integral part of the Institute's work in accordance with Act no. 49/2002 Coll. on protection of monuments fund. It is the administrator of the Central evidence of archaeological sites in Slovakia (set of field documentation from the archaeological excavations conducted not only by the Institute but also by other organizations all around Slovakia) and fulfills numerous other partial tasks. Despite our regular effort to move finds to museums, we are confronted with the opposing tendency. Some museums return extensive collections of finds to our Institute due to their lack of capacities (e. g. Liptov Museum in Ružomberok more than 3,000 boxes with archaeological finds).

In the evaluated period, the Institute provided financial funds and projects for reconstruction of three large buildings in Nitra "Martinský vrch". A modern state-of-the-art workplace (Centre) for scientific documentation (incl. field documentation) was created in one of them – with servers, new information system, evidence of investigation reports and activities since 1939, depository of so-called small finds, geodesy, etc. In the second building with length of more than 80 m and area of 1200 m², a modern depository for pottery finds was built. It is equipped with modern compression shelves, refrigerators, freezing containers and working tables for analyses of finds. A unique space was created there enabling the Institute to fulfill the tasks which follow directly from Act no. 49/2002 on protection of the monuments fund and also creates excellent conditions for scientific investigation. Continuous digitization of funds and sites creation of

two interconnected information systems (archaeological sites and archaeological finds) gradually opens opportunities of remote access to unique data.

The Institute has managed to catch up with the trend of modern archaeology and thanks to SF EU it obtained state-of-the-art equipment for modern 3D documentation of objects from finds through find situations to standing architectures. Effectiveness of these activities is supported by highly qualified and expert personnel.

Scientific popularization is integral part of our work. Finds from the IA SAS's investigations are part of almost all exhibitions and expositions in Slovakia. Every year, we lend hundreds of unique finds to exhibitions abroad (see the appendices for details). Exhibitions and expositions are organized by the Institute itself as well. Monothematic exhibitions in the Ponitrianske Museum in Nitra and other institutions are traditional events with great numbers of visitors. The Institute has created first archaeo-park in Slovakia – in Liptovská Sielnica-Liptovská Mara. In the evaluated period, renovation of several reconstructed historical buildings was carried out as part of an experiment in archaeology. Gradually, the above mentioned archaeo-parks in Nitra, Bojná and Nižná Myšľa are being built and we also participate in reconstruction of Celtic fortifications in Hainburg, Austria, opening numerous Slovak castles to public, building presentation of archaeological sites in Štrba-Soldov and Nitra-Castle.

As for considerable exhibition projects, we must point out the exclusive exhibition in Vatican museums called St Cyril and Methodius, The Earliest Evidence of Christianity in Slovakia, and the exhibition of Great Moravia (Prague, Brno, Bratislava)... In the monitored period, the scientists from the IA SAS participated in creation of the scenario and script for the most prominent Slovak exposition which is being prepared for the Bratislava castle. The Institute administers the permanent exposition – From Great Moravian rampart to baroque bastion in the Nitra castle's underground.

When creating and solving research tasks, we use organizational procedures. Annual point evaluation of performances of all scientific collaborators has been performed according to strict rules since 1991. This evaluation is part of our collective bargaining agreement and makes a base for necessary and more objective differentiation of salaries. A system of so-called main tasks of the researchers has been introduced, i. e. a creative worker should define their main topic for the next three years (in 1-year-long stages) and accomplishing of individual stages is then evaluated by a Institute management.

2. Partial indicators of main activities:

2.1. Research output

2.1.1. Principal types of research output of the institute: basic research/applied research, international/regional (ratios in percentage)

Basic research/applied research

70% / 30%

International/regional

30% / 70%

2.1.2 List of selected publications documenting the most important results of basic research. The total number of publications listed for the assessment period should not exceed the average number of employees with university degrees engaged in research projects. The principal research outputs (max. 5, including Digital Object Identifier - DOI) should be underlined

- NERUDA, Petr - KAMINSKÁ, Ľubomíra. *Neanderthals at Bojnice in the context of central Europe = Neandertálci z Bojníc v kontextu strednej Evropy*. Brno : Moravské zemské muzeum ; Nitra: Archeologický ústav SAV, 2013. 250 s. VEGA č. 2/0027/11 "Mobilita lovecko-zberačských kolektívov v plaeolite a mezolite Slovenska na podklade využívania kamenných surovín". Preložené pod názvom: 978-80-7028-407-0.
- BENKOVSKY-PIVOVAROVÁ, Zoja - CHROPOVSKÝ, Bohuslav. *Grabfunde der frühen und der beginnenden mittleren Bronzezeit in der Westslowakei : Teil 2*. Juraj Bartík, Alexandra Krenn-Leeb (recenzenti). Nitra : Archeologický ústav SAV, 2015. 168 S. Archaeologica Slovaca Monographiae - Studia, Tomus XXII. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce". ISBN 978-80-89315-73-4.
- FURMÁNEK, Václav - BÁTORA, Jozef - OŽDÁNI, Ondrej - MITÁŠ, Vladimír - KUJOVSKÝ, Rudolf - VLADÁR, Jozef. *Staré Slovensko 4 = Ancient Slovakia 4*. Bronze Age. Doba bronzová. Recenzenti Luboš Jiráň, Egon Wiedermann. Nitra : Archeologický ústav SAV, 2015. 330 s. Archaeologica Slovaca Monographiae : Staré Slovensko, Tomus 4. 166/E/075/2009 (Centrum excelentnosti SAV) "Staré Slovensko: Dejiny Slovenska od praveku po vrcholný stredovek (STASLO)", APVV - 0736-11 "Prínos Slovenska pre hospodársky a spoločenský rozvoj európskeho metalika". ISBN 978-80-89315-87-1.
- HREHA, Rastislav - ŠÍŠKA, Stanislav. *Bukovohorská kultúra na Slovensku vo svetle výskumov v Šarišských Michaľanoch a Zemplínskych Kopčanoch = Bükk cultur in Slovakia in the light of investigations in Šarišské Michaľany and Zemplínske Kopčany*. Recenzenti: Zdeněk Farkaš, Miroslav Popelka. Nitra : Archeologický ústav SAV, 2015. 370 S. Archaeologica Slovaca Monographiae: Studia, Tomus XX. VEGA č. 2/0047/12 "Diverzifikácia osídlenia Šarišského podolia a Košickej kotliny v období praveku až včasného novoveku", VEGA 2/0063/13 "Edícia archeologických prameňov z obdobia neolitu a eneolitu Slovenska", VEGA 2/0030/15 "Štruktúra a determinanty osídlenia vých. Slovenska na pozadí prírodných, kultúrnych a spoločenských pomerov v období praveku až včasného novoveku". ISBN 978-80-89315-61-1.
- NOVOTNÁ, Mária - SOJÁK, Marián. *Veľká Lomnica - Burchbrich Urzeitliches Dorf unter den Hohen Tatra*. Nitra ; Bratislava : Archeologický ústav SAV : VEDA, vydavateľstvo SAV, 2013. 260 S. Archaeologica Slovaca Monographiae - Studia, Tomus XVI. VEGA č. 2/0147/13 "Brúsená industria neolitu a eneolitu Slovenska v kontexte surovinových zdrojov strednej Európy". ISBN 978-80-89315-49-9.
- ROBAK, Zbigniew. *Studia nad okuciami rzemieni w typie karolinskim VIII-X w = Studies on the Carolingian-type strap fittings. 8th-10th century. Part I*. Nitra : Archeologický ústav SAV, 2013. 245 S. Archaeologica Slovaca Monographiae : Studia, Tomus XVIII. APVV-0553-10 "Včasnostredoveké mocenské centrá v strednom Podunajsku". ISBN 978-80-89315-51-2.
- PAVÚK, Juraj - BAKÁMSKA, Aneta. Typologie und chronologie der Neolithischen Altärchen auf dem Balkan = Typology and Chronology of the Neolithic Altars in the Balkans / Typológia a chronológia neolitických oltárikov na Balkáne. In *Slovenská archeológia : časopis Archeologického ústavu SAV v Nitre*, 2014, roč. 62, č. 1, s. 1-82. ISSN 1335-0102. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce".

2.1.3 List of monographs/books published abroad

- AAA01 NERUDA, Petr - KAMINSKÁ, Ľubomíra. *Neanderthals at Bojnice in the context of central Europe* = Neandertálci z Bojníc v kontextu strednej Evropy. Brno : Moravské zemské muzeum ; Nitra : Archeologický ústav SAV, 2013. 250 s. VEGA č. 2/0027/11 "Mobilita lovecko-zberačských kolektívov v plaeolite a mezolite Slovenska na podklade využívania kamenných surovín". Preložené pod názvom: 978-80-7028-407-0.
- ABA01 MARKOVÁ, Klára - ILON, Gabor. Slovakia and Hungary. In *The Oxford Handbook of the European Bronze Age*. - Oxford : University Press, 2013, s. 813-836. ISBN 978- 019-9572-86-1.

2.1.4. List of monographs/books published in Slovakia

- AAB01 BARTÍK, Juraj - ELSCHEK, Kristian - VARSÍK, Vladimír. *Praveké sídlisko v Lozorne-Širokých dieloch (Západné Slovensko) : Výskumy v rokoch 1999 - 2009* = Prehistoric settlement in Lozorno-Široké diely (West-Slovakia). Excavations in 1999-2009. Bratislava: Slovenské národné múzeum - Archeologické múzeum, 2013. 128 S. Zborník Slovenského národného múzea : Archeológia, Supplementum 7. ISBN 978-80-8060-317-5.
- AAB02 BELJAK, Ján - PAŽINOVÁ, Noémi - ŠIMKOVIČ, Michal. *Pustý hrad vo Zvolene a opevnenia v jeho okolí* = The Deserted castle in Zvolen and the fortifications in its surrounding. Matej Ruttkay, Dominik Repka (recenzenti). Zvolen : Mesto Zvolen, 2015. 71 s. ISBN 978-80-972057-0-6.
- AAB03 BELJAK, Ján - PAŽINOVÁ, Noémi - BELÁČEK, Boris - GOLIS, Milan - HUNKA, Ján - KRISTÍN, Anton - KOHÚT, Vladimír - MALINIAK, Pavol - MORDOVIN, Maxim - PRZYBYLA, Marcin S. - REPKA, Dominik - SLÁMOVÁ, Martina - ŠIMKOVIC, Michal - TÓTH, Balász - ŽÁAR, Ondrej. *Pustý hrad vo Zvolene : Dolný hrad 2009 – 2014* = Desert castle at Zvolen : Lower castle. Zvolen ; Nitra : OZ Archeofact : UKF : Archeologický ústav SAV, 2014. 372 S. ISBN 978-80-558-0734-8.
- AAB04 BELJAK, Ján - PAŽINOVÁ, Noémi - MITÁŠ, Vladimír. *Stredné a horné Poiplie : svedectvo archeológie* = Middle and Upper Ipeľ river basin. The testimony of Archaeology. Recenzenti: Alexander T. Ruttkay, Jozef Vladár. Nitra : Archeologický ústav SAV, 2015. 192 S. Archaeologica Slovaca Monographiae : Varia, Tomus II. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce". ISBN 978-80-89315-64-2.
- AAB05 BELLA, Pavel - HAVIAROVÁ, Dagmar - KOVÁČ, Ľubomír - LALKOVIČ, Marcel - SABOL, Martin - SOJÁK, Marián - STRUHÁR, Vít'azoslav - VIŠŇOVSKÁ, Zuzana - ZELINKA, Ján. *Jaskyne Demänovskej doliny : Ramsarská lokalita stredohorského alogénneho krasu Západných Karpát* = The caves of Demänovská Valley. Liptovský Mikuláš : Štátna ochrana prírody SR : Správa slovenských jaskýň, 2014. 200 S. Speleologia Slovaca, 4. ISBN 978-80-89310-72-2.
- AAB06 BENKOVSKY-PIVOVAROVÁ, Zoja - CHROPOVSKÝ, Bohuslav. *Grabfunde der frühen und der beginnenden mittleren Bronzezeit in der Westslowakei : Teil 2*. Juraj Bartík, Alexandra Krenn-Leeb (recenzenti). Nitra : Archeologický ústav SAV, 2015. 168 S. Archaeologica Slovaca Monographiae - Studia, Tomus XXII. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce". ISBN 978-80-89315-73-4.

- AAB07 BENKOVSKÝ-PIVOVAROVÁ, Zoja - CHROPOVSKÝ, Bohuslav. *Grabfunde der frühen der beginnenden mittleren Bronzezeit in der Westslowakei : Teil 1*. Juraj Bartík, Alexandra Krenn-Leeb (recenzenti). Nitra : Archeologický ústav SAV, 2015. 264 S. Archaeologica Slovaca Monographiae - Studia, Tomus XXI. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce". ISBN 978-80-89315-71-0.
- AAB08 ĐURIŠ, Jozef. *Architektúra domu mladšej a neskorej doby kamennej na juhozápadnom Slovensku na základe analýzy mazanice* = Neolithic and Aeneolithic House Architecture in South-Western Slovakia based on the clay daub analysis. Pavel Vařeka, Juraj Pavúk (recenzenti). Nitra : Archeologický ústav SAV, 2015. 299 S. Archaeologica Slovaca Monographiae Studia, Tomus XXIII. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce". ISBN 978-80-89315-72-7.
- AAB09 FURMAN, Martin - BUDAJ, Marek - HUNKA, Ján. *Rákociho poľtury zo Šurian - Kostolného Seku : Najväčší poklad kuruckých poľtúr zo Slovenska* = The hoard of poltura coins of Franciscus II Rákóczi from Šurany - Kostolný Sek. Bratislava : Pamiatkový úrad SR, 2013. 69 S. ISBN 978-80-89175-62-8.
- AAB10 FURMÁNEK, Václav - BÁTORA, Jozef - OŽDÁNI, Ondrej - MITÁŠ, Vladimír - KUJOVSKÝ, Rudolf - VLADÁR, Jozef. *Staré Slovensko 4* = Ancient Slovakia 4. Bronze Age. Doba bronzová. Recenzenti Luboš Jiráň, Egon Wiedermann. Nitra : Archeologický ústav SAV, 2015. 330 s. Archaeologica Slovaca Monographiae : Staré Slovensko, Tomus 4. 166/E/075/2009 (Centrum excelentnosti SAV) "Staré Slovensko: Dejiny Slovenska od praveku po vrcholný stredovek (STASLO)", APVV - 0736-11 "Prínos Slovenska pre hospodársky a spoločenský rozvoj európskeho metalika". ISBN 978-80-89315-87-1.
- AAB11 HANULIAK, Milan - KUZMA, Ivan. *Mužla-Čenkov II* = Mužla-Čenkov II. Settlement from 9th-13th. centuries. Osídlenie z 9.-13. storočia. Gabriel Fusek, Luděk Galuška (recenzenti). Nitra : Archeologický ústav SAV, 2015. 368 S. Archaeologia Slovaca Monographiae - Studia, Tomus XXV. VEGA 2/0044/14 "Materiálna kultúra a jej prínos k rekonštrukcii pozemského života a pohrebných zvykov v stredovekej societe". ISBN 978-80-89315-90-1.
- AAB12 HORVÁTHOVÁ, Eva - HREHA, Rastislav. *Dolný Zemplín : Svedectvo archeológie* = Lower Zemplín: Testimony of archaeology. Nitra : Archeologický ústav SAV, 2015. 144 S. Archaeologica Slovaca Monographiae: Varia, Tomus III. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce". ISBN 978-80-89315-66-6.
- AAB13 HREHA, Rastislav - ŠIŠKA, Stanislav. *Bukovohorská kultúra na Slovensku vo svetle výskumov v Šarišských Michaľanoch a Zemplínskych Kopčanoch* = Bükk cultur in Slovakia in the light of investigations in Šarišské Michaľany and Zemplínske Kopčany. Recenzenti: Zdeněk Farkaš, Miroslav Popelka. Nitra : Archeologický ústav SAV, 2015. 370 S. Archaeologica Slovaca Monographiae: Studia, Tomus XX. VEGA č. 2/0047/12 "Diverzifikácia osídlenia Šarišského podolia a Košickej kotliny v období praveku až včasného novoveku", VEGA 2/0063/13 "Edícia archeologických prameňov z obdobia neolitu a eneolitu Slovenska", VEGA 2/0030/15 "Štruktúra a determinanty osídlenia vých. Slovenska na pozadí prírodných, kultúrnych a spoločenských pomerov v období praveku až včasného novoveku". ISBN 978-80-89315-61-1.
- AAB14 HUNKA, Ján. *Mince Arpádovcov z rokov 1000-1301 : Ich podiel na vývoji hospodárstva stredného Slovenska* = The Arpad dynasty coins from 1000-1301 :Their Role in the Development of medieval Slovakia's Economy. Nitra ; Bratislava : Archeologický ústav

SAV: VEDA, vydavateľstvo SAV, 2013. 181 S. Archaeologica Slovaca Monographiae - Studia, Tomus XV. VEGA č. 2/0034/11 "Charakteristické vlastnosti zložiek materiálnej kultúry zo stredovekých sídlisk a pohrebísk", VEGA č. 2/0186/11 "Každodenný život hradu v stredoveku a na začiatku novoveku", VEGA č. 2/0136/11 "Dvorce v 9.-15. stor. v stredodunajskom priestore a ich spoločenské a hospodárske funkcie". ISBN 978-80-89315-50-5.

- AAB15 HUNKA, Ján - KOTOROVÁ-JENČOVÁ, Mária - ŠAFRANKO, Peter. *Žalobínske poklady* = The treasures from Žalobín. Hanušovce nad Topľou : Vlastivedné múzeum, 2012. 120 s. ISBN 978-80-969862-7-9.
- AAB16 JÍLEK, Sonja - MUSILOVÁ, Margaréta – RAJTÁR, Ján: *Hranice rímskej ríše : Slovensko* = Frontiers of the Roman Empire : Slovakia. Edited Sonja Jílek, Margaréta Musilová, Ján Rajtár. 2. preprac. a dopl. vydanie. Bratislava : Múzeum mesta Bratislavy : Mestský ústav ochrany pamiatok, 2013. 110 s. Hranice Rímskej ríše. ISBN 978-80-971437-7-0.
- AAB17 KAMINSKÁ, Ľubomíra - MORAVCOVÁ, Martina - ŠEFČÁKOVÁ, Alena. *Staré Slovensko 2: paleolit a mezolit*. Recenzenti Bibiána Hromadová, Janusz K. Kozłowski, Petr Neruda, Marián Soják. Nitra : Archeologický ústav SAV, 2014. 368 s. Archaeologica Slovaca Monographiae, Tomus 2. ISBN 978-80-89315-57-4.
- AAB18 LIESKOVSKÝ, Tibor - FAIXOVÁ CHALACHANOVÁ, Jana - ĎURAČIOVÁ, Renata - BLAŽOVÁ, Elena - KARELL, Lukáš. *Archeologické predikčné modelovanie z pohľadu geoinformatiky : Metódy a princípy* = Archaeological predictive modeling in terms of Geoinformatics: Methods and Principles [elektronický zdroj]. Recenzenti: Ján Tirpák, Peter Demján, Tomáš Bacigál. 2. prepracované vydanie. Bratislava : STU, 2015. 246 S. Dostupné na internete: <www.svf.stuba.sk>. ISBN 978-80-227-4504-8.
- AAB19 MALČEK, Róbert. *Lieskovec-Hrádok : výšinné sídlisko badenskej kultúry* = Lieskovec-Hrádok, the Baden Culture Uphill Settlement. Excavations, Finds, Contexts. Nitra : Archeologický ústav SAV, 2013. 284 S. VEGA 2/0063/13 "Edícia archeologických prameňov z obdobia neolitu a eneolitu Slovenska", VEGA č. 2/0147/13 "Brúsená industria neolitu a eneolitu Slovenska v kontexte surovinových zdrojov strednej Európy". ISBN 978-80-89315-52-9.
- AAB20 MIROŠŠAYOVÁ, Elena. *Pohrebisko v Ždani v kontexte vývoja severného Potisia v dobe halštatskej* = Burial ground in Ždaňa in the context of the development in the northern Tisza region during the Hallstatt period. Juraj Bartík, Michal Erneé (recenzenti). Nitra ; Bratislava: Archeologický ústav SAV : VEDA, 2015. 172 S. Archaeologica Slovaca Monographiae : Studia, Tomus XXIV. VEGA č. 2/0051/12 "Podiel východoeurópskych nomádskych spoločenstiev na profilácii kultúrno-historického vývoja Slovenska v dobe halštatskej". ISBN 978-80-89315-62-8.
- AAB21 NOVOTNÁ, Mária - SOJÁK, Marián. *Veľká Lomnica - Burchbrich Urzeitliches Dorf unter den Hohen Tatra*. Nitra ; Bratislava : Archeologický ústav SAV : VEDA, vydavateľstvo SAV, 2013. 260 S. Archaeologica Slovaca Monographiae - Studia, Tomus XVI. VEGA č. 2/0147/13 "Brúsená industria neolitu a eneolitu Slovenska v kontexte surovinových zdrojov strednej Európy". ISBN 978-80-89315-49-9.
- AAB22 OLEXA, Ladislav - NOVÁČEK, Tomáš. *Pohrebisko zo staršej doby bronzovej v Nižnej Myšli: Katalóg I (hroby 1-310)* = Graveyard from older Bronze age in Nižná Myšľa : Catalog I (greaves 1-310). Nitra : Archeologický ústav SAV, 2013. 297 S. Archaeologica Slovaca Monographiae - Catalogi, Tomus XIV. VEGA č. 2/0073/09 "Archeologické lokality na pieskových dunách Východoslovenskej nížiny". ISBN 978-80-89315-46-8.
- AAB23 OLEXA, Ladislav - NOVÁČEK, Tomáš. *Pohrebisko zo staršej doby bronzovej v Nižnej Myšli: Katalóg II (hroby 311-499)* = Graveyard from older Bronze age in Nižná Myšľa : Catalog II (greaves 311-499). Juraj Bartík, Milan Salaš (recenzenti). Nitra : Archeologický

ústav SAV, 2015. 292 S. Archaeologica Slovaca Monographiae - Catalogi, Tomus XV. VEGA č. 2/0030/15 "Štruktúra a determinanty osídlenia východného Slovenska na pozadí prírodných, kultúrnych a spoločenských pomerov v období praveku až včasného novoveku". ISBN 978-80-89315-91-8.

- AAB24 PAŽINOVÁ, Noémi - BELJAK, Ján. *Archaeological investigation on the high-pressure Gas interconnection Pipeline SK-HU in 2013 : Life in the past or the world of the prehistoric communities in Kiarov* = Archeologický výskum na stavbe VTL plynovodu SK/HU v roku 2013: o živote v minulosti alebo svet pravekých komunit v Kiarove. Nitra : Archeologický ústav SAV, 2014. 70 s. ISBN 978-80-89315-55-0.
- AAB25 POMFYOVÁ, Bibiana - SAMUEL, Marián - ŽAŽOVÁ, Henrieta. *Stredoveká Biňa: archeológia – história – architektúra* = Medieval Biňa : archeology – history – architecture. Bratislava : FO ART, 2014. 232 s. ISBN 978-80-89664-22-1.
- AAB26 ROBAK, Zbigniew. *Studia nad okuciami rzemieni w typie karolinskim VIII-X wiek : II czesc* = Studies on the Carolingian-type strap fittings. 8th-10th century. Part II. Nitra: Archeologický ústav SAV, 2014. 224 S. Archaeologia Slovaca Monographiae - Studia, Tomus XIX. VEGA 2/0117/12 "Medzi starovekom a stredovekom. Etnicko-kultúrne vzťahy v strednom Podunajsku od konca keltského osídlenia po začiatok stredoveku". ISBN 978-80-89315-58-1.
- AAB27 ROBAK, Zbigniew. *Studia nad okuciami rzemieni w typie karolinskim VIII-X w* = Studies on the Carolingian-type strap fittings. 8th-10th century. Part I. Nitra : Archeologický ústav SAV, 2013. 245 S. Archaeologica Slovaca Monographiae : Studia, Tomus XVIII. APVV-0553-10 "Včasnostredoveké mocenské centrá v strednom Podunajsku". ISBN 978-80-89315-51-2.
- AAB28 RUTTKAYOVÁ, Jaroslava - RUTTKAY, Matej. *Horné Požitavie : Svedectvo archeológie* = Upper Požitavie region : The Testimony of Archaeology. Jozef Bátora, Jozef Vladár (recenzenti). Nitra: Archeologický ústav SAV, 2015. 171 S. Archaeologica Slovaca Monographiae - Varia, Tomus V. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce", VEGA č. 2/0189/12 "Migrácia - akulturácia - integrácia - mobilita - obchod v dobe sťahovania národov a vo včasnom stredoveku na území Slovenska". ISBN 978-80-89315-65-9.
- AAB29 SOJÁK, Marián. *Spiš : Svedectvo archeológie* = The Spiš region. The testimony of Archaeology. Recenzenti: Alexander T. Ruttkay, Ivan Cheben. Nitra : Archeologický ústav SAV, 2015. 152 S. Archaeologica Slovaca Monographiae: Varia, Tomus IV. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce". ISBN 978-80-89315-67-3.
- AAB30 ŠALKOVSKÝ, Peter. *Hrady západných Slovanov* = Strongholds - castles of Western Slavs. Rudolf Procházka, Matej Ruttkay (recenzenti). Nitra: Archeologický ústav SAV, 2015. 181 S. Archaeologica Slovaca Monographiae Studia, Tomus XXVI. VEGA č. 2/0050/12 "Od detailu k celku. Reflexia aktuálnych potrieb archeologického bádania vo včasnom stredoveku". ISBN 978-80-89315-95-6.
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- ABB04 GABULOVÁ, Monika. Štúdium krajiny a osídlenia na hornom Požitaví v praveku až včasnej dobe dejinnej = Study of the landscape and settlement on the upper Žitava river basin during the prehistory through the early historic Age. Matej Ruttkay, Peter Tóth (recenzenti). In *Študijné zvesti Archeologického ústavu SAV*, 2015, č. 58, s. 97-168. ISSN 0560-2793. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce".
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- ABB14 RUSNÁK, Rastislav. Vývoj mestskej domovej parcely na príklade Mäsiarskej 57/A v Košiciach = The Development of Municipal Houseplot through the Example of Mäsiarska 57/A Street in Košice. In *Slovenská archeológia : časopis Archeologického ústavu SAV v Nitre*, 2014, roč. 62, č. 2, s. 315-398. ISSN 1335-0102. VEGA č. 2/0047/12 "Diverzifikácia osídlenia Šarišského podolia a Košickej kotliny v období praveku až včasného novoveku".
- ABB15 RUTTKAY, Matej. Moderná dokumentácia archeologických situácií a nálezov v Archeologickom ústave SAV = Modern Documentation of Archaeological Sites and Finds in the Institute of Archaeology of the Slovak Academy of Sciences. Peter Bednár, Ivan Cheben (recenzenti). In *Študijné zvesti Archeologického ústavu SAV*, 2015, č. 58, s. 5-58. ISSN 0560-2793. ITMS 26220120059 "Centrum výskumu najstarších dejín stredného Podunajska : Podpora sietí excelentnosti pracovísk výskumu a vývoja ako pilierov rozvoja regiónu a podpora nadregionálnej spolupráce".
- ABB16 VELIAČIK, Ladislav. Nože z doby bronzovej na Slovensku = Bronzezeitliche Messer aus der Slowakei. In *Slovenská archeológia : časopis Archeologického ústavu SAV v Nitre*, 2012, roč. 60, č. 2, s. 285-342. ISSN 1335-0102.

2.1.5. List of other scientific outputs specifically important for the institute, max. 10 items

1. Research on large collection of finds from a princely tomb from the end of the 4th century at Poprad

Parts of tomb equipment as well as clothes and garments of a buried young man were revealed in *in situ* collected blocks when they were put under a surgical microscope in laboratory. Items which are rarely found in other archaeological situations were discovered here in a rather good condition. It is fascinating to see particular leather garment or hat decorations, parts of the robe covering the dead body, a leather bow case, fragments of textiles with golden threads or wooden parts of the tomb's construction, sarcophagus, wooden furniture, bier. Thanks to GIS processing, we can literally trace gradual penetration of ancient tomb robbers (tools show that there were probably four of them) – what tools they used to break the construction, what sort of light they used and how they gradually removed exclusive finds from the underground chamber. Investigation of the tomb is a great example of interdisciplinary cooperation from dating methods through anthropology, zoology, botany, chemistry, DNA, physics, to determining the original colours of textiles or the buried person's background.

Output: A collection of publications and work seminars in 2015. In 2017, installation of a complex exhibition featuring the tomb is planned in the Podtatranské Museum in Poprad. In 2016, we would

like to present a selection of finds and reconstructions in one of the political institutions of Slovakia (Parliament, Ministry of Foreign Affairs or Embassy of Germany) as part of the Slovak Presidency of the EU Council.

2. Archaeological excavation of the settlement and burial ground in Vráble

The investigation focused mainly on uncovering of a burial ground from the Early Bronze Age (2000-1500 BC) which is situated 300-400 m south of the fortified settlement of Fidvár. Most of the burials had been secondarily opened in the past – for ritual purposes or by robberies. However, pottery, bronze ornaments (earrings, pins) and amber beads were found in them. Judging from the size of the burial ground, we can assume that the population of the settlement in the early Bronze age reached 1,000, which is very unusual for that period. Its proto-urban architecture as well as exceptionally high concentration of population have changed our recent knowledge of the Early Bronze Age in Central Europe (cognition of cultural influences and contacts between the region of Central Europe and distant cultural areas of Eurasia and the Caucasus as well as eastern Mediterranean – Mycenaean culture – in the beginning of 2000s BC).

3. Archaeological research on prehistoric features Mountainous mining in Špania dolina

Within this project, a vast terrain prospecting of mining works in the territory of the central and upper Hron regions was carried out. The aim of the prospecting was to detect remains of prehistoric mining activities related to copper ore. The emphasis was put on the areas with the largest potential for finding traces of prehistoric mining. It was mainly the area near Ľubietová, Poniky and Špania Dolina. During terrain prospection, a large area was investigated and adits, pings, dump cones, etc. were thoroughly documented.

4. New discoveries from medieval castles

The Institute of Archaeology of SAS continued to protect our archaeological cultural heritage by numerous rescue excavations as well as scientific and documentary research. Thanks to grant funds and cooperation with other institutions, we continued to study castles (Bratislava, Čabrad', Divín, Veľký Vrch-Divinka hillfort, Dobrá Niva, Filakovo, Gýmeš, Hričov, Kamenica, Košice-Hradová, Lietava, Nitra, Zvolen-Pustý hrad, Vinné, Muráň, Slanec, Modrý Kameň).

The archaeological research of the castle in Nitra belongs to the largest terrain activities of the Institute of Archaeology of SAS. In 2012-2015, the archaeological investigation brought new important knowledge. In front of the southern baroque fortification of the castle, a continuation of a masoned Romanesque wall from the turn of the 11th and 12th centuries was discovered. It belongs to the oldest masoned medieval fortifications in Central Europe. This discovery proved our hypothesis of the size of the castle of Nitra in the high Middle Ages (with its area of 8.5 ha, it is the largest castle in Slovakia). Discovery of a part of the ground floor of a long sought Romanesque palace from the 11th-12th centuries under today's palace was very important. Dendrochronological dating of part of the church in the first third of the 10th century plays a significant role in cognition of historical development in Slovakia after the collapse of Great Moravia. Results of archaeological excavations at the Nitra castle have been presented at numerous international events. In 2012, the publication *The Castle of Nitra and the Cathedral Temple – St. Emmeram's Cathedral* was published in cooperation with the Archbishopric in Nitra.

Extraordinary finds have been brought by the investigation of Pustý hrad in Zvolen in 2015, which was carried out in cooperation with the CPhU in Nitra. The royal residential tower of the Lower castle of Pustý hrad is a remarkable monument of supraregional importance, since it was the residence of Hungarian kings, mainly in the 13th century. Pustý hrad itself, with its area of 4.7 ha, ranks among the largest castles in Slovakia. The investigated stone tower at the Lower castle is one of the largest and most important medieval residential buildings in Central Europe (groundplan of 20 x 20 m) and the castle's water tank at the Upper castle is the largest known medieval water receptacle from the territory of Slovakia (groundplan of 7 x 7 m and depth of 10 m). The castle cistern was thoroughly studied in 2015. Besides standard archaeological finds like pottery fragments, animal bones, antlers, iron nails, or a spur, silver denarii from the second half of the 13th century were discovered as well as exceptional finds such as a completely preserved medieval hunting sword with a bone hilt from the 14th century. Water helped to preserve finds of organic origin. We must mention wooden training swords, wooden buckets, fragments of leather

and textile items. Remains of more than 700-year-old wooden constructions are very interesting since they are a testimony of craft skills of medieval masters. They also allow us to date the construction of the cistern with a unique technological solution of collecting rain water by means of clay and stone pipes and troughs. In 2013, an extensive monograph was published named *Desert castle at Zvolen: Lower castle* and in 2014, *The Deserted castle in Zvolen and Fortification in Its Surroundings* followed.

In 2015, the Institute of Archaeology of SAS started rescue excavations at the castle in Bratislava. Although a large part of the construction area had been investigated, a very detailed work and documentation in a hard terrain has brought more important results. Relics of unique Celtic-Roman structures from mid 1st cent. BC – the oldest masoned structures in Central Europe – were discovered. Knowledge of previously uncovered features was also specified. It helped us get a more complex picture of the design and operation of this exclusive construction complex on the bank of the Danube river. Detection of medieval castle architectures – remains of a castle standing on the hill before extensive reconstruction, i. e. new construction organized by Hungarian king and later Roman Emperor Sigismund of Luxemburg (1368-1437) – was surprising.

Investigations have brought fundamental results in the study of the historical development of these castles as well as of life there and in their surroundings. The new information was immediately used in projects for restoration of the castles. The results from the castle of Lietava were awarded the prestigious price of the Monument of the Year. The archaeological investigation in Košice-Hradová site contributed to the successful restoration of the area and quality preparation of the European Cultural Capital project in 2013. As part of work on the topic of castles, experts from the Institute of Archaeology took part in several international conferences.

5. Dating and structure of Early Medieval hill forts in Slovakia

It was an extensive project in cooperation with the Goethe University in Frankfurt in 2004-2013. Within the project, fortifications on the sites of Majcichov, Pobedim, Nitrianska Blatnica, Bíňa, Zemplín and Bojná were studied. Researches and geophysical measurings were carried out on these sites. On the basis of the results of these activities, areas suitable for archaeological investigation were detected. The research focused on detection of construction elements of fortification and on exact dating. The project included collecting C14 samples, dendrochronological samples and samples for micromorphology. Numerous interdisciplinary analyses have brought fundamental progress in dating of the early Middle Ages in Slovakia and Central Europe.

6. Topography of selected parts of Slovakia

As part of the project called Centre for Research of the Oldest History of the Danube Region, it was possible to map extensive territories along the Žitava, Hron and Ipel' rivers as well as the regions of Spiš and Zemplín systematically and in detail. Proper attention was paid to all methods of terrain prospecting, aerial prospecting, geophysical measuring, sample collection from selected sites and comparing findings with historical maps. This project is a basis for detailed archaeological topography. Besides a large number of scientific outputs in form of monographs, studies and articles, experts from the Institute of Archaeology focused also on presentation of their results to secondary and primary schools where the finds from the nearest surroundings were presented to pupils.

7. Discovery of a new Slavic centre of power in the Nitra region

By means of systematic terrain prospecting and further archaeological investigation in the territory of the Strážovské vrchy (Strážov hills), in the residential areas of Dolné Vestenice and Uhrovské Podhradie, an agglomeration of three earth and timber fortifications in the altitude of 675-817 m a.s.l. was discovered and documented. The agglomeration was dated to the 7th-10th AD centuries and it was mostly used in the Great Moravian period. Finds from this site included smithies and jewellers' workshops and multiple rare evidence of crafts, numerous remains of weapons and equipment which document violent extinction of this so-far unknown centre of the upper Nitra region. The findings considerably complete our recent knowledge of the beginnings of our national history and represent strong potential for further investigation and use in the field of tourism.

8. Experimental archaeology – Bojná, Liptovská Sielnica-Liptovská Mara, Nižná Myšľa, Nitra “Martinský vrch”

The Institute of Archaeology of SAS builds archaeological parks over the whole territory of Slovakia. Besides presentation, the archaeo-parks are used as experimental work stations. The archaeo-park in Bojná was added to such parks in Liptovská Mara and Nižná Myšľa. On 3 July 2015, during the city festival called *Nitra, milá Nitra*, a foundation stone of another archaeo-park was laid in the premises of former barracks under Zobor. Finds and reconstructions of historical features from various periods from prehistory to the Middle Ages will be presented there. Live archaeology is also being presented in the archaeo-parks. Visitors can see experimental production of pottery using traditional methods, production of glass items, weaving, brick making and others. In Bojná, an experiment was carried out – spending winter in pit-houses. The next experimental workplace is in Nižná Myšľa.

9. New methods of investigation of archaeological sites

Thanks to projects from structural funds, extensive aerial scanning (LIDAR technology) of selected areas of Slovakia was provided for the first time. The areas included Považský Inovec, Tribeč, Strážovské vrchy (Strážov hills) and Pohronský Inovec. In a result, unique 3D images of the terrain in high definition were obtained. They provide fantastic documentation of known sites and at the same time, a high number of unknown fortifications, tumuli, extinct routes, fishponds, mining areas and other features stood out. It immediately enabled us to target new investigations more effectively. The greatest progress was made in discovering new fortified areas near the well-known hillfort of Bojná. A new extremely rich prehistoric and Great Moravian hillforts in Strážovské vrchy (we do not state the site on purpose) as well as tumuli and hillforts in the Tribeč hills were thoroughly documented. 3D data will be further analyzed and in 2016, we plan to scan other areas. Outputs: 3D models used for exhibitions and presentations; publications and studies.

10. New methods of investigation of archaeological finds – strontium analyses

In 2015, first results of a project focused on monitoring migration of archaeologically documented populations were obtained. The method is based on the fact that strontium occurs in four stable isotopes and nuclide of strontium ^{87}Sr is created in time by decay of radioactive rubidium ^{87}Rb . From the substrate, strontium gets into plants or water and as food, it gets into bodies of animals where it accumulates while they grow. Thus, if a change in the content of isotopes in the buried body and its surroundings is detected (teeth are the best sample), it is clear that the individual did not grow up in the given environment. Thanks to the cooperation with BOKU university in Tulln (where they monitor migrations of animals or origin of fruit and vegetables on the European market on the basis of this method), first all geological bedrocks of the upper Žitava region, plants and streams were sampled and later, samples from the burial grounds in the residential area of Tesárske Mlyňany were analyzed. It was discovered that the community burying in the area in the Great Migration Period had not arrived from distant territories, as it had been supposed on the basis of archaeological finds. Further employment of this method can significantly change our current views of the migration trends in the past.

2.1.6. List of patents, patent applications, and other intellectual property rights registered abroad, incl. revenues

2.1.7. List of patents, patent applications, and other intellectual property rights registered in Slovakia, incl. revenues

2.1.8. Table of research outputs (as in annual reports).

Papers from international collaborations in large-scale scientific projects (Dwarf team, ALICE Collaboration, ATLAS collaboration, CDCCollaboration, H1 Collaboration, HADES Collaboration, and STAR Collaboration) have to be listed separately.

Scientific publications	2012			2013			2014			2015			total			
	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	averaged number per year	av. No. / FTE	av. No. / salary budget
Scientific monographs and monographic studies in journals and proceedings published abroad (AAA, ABA)	0,0	0,000	0,000	2,0	0,030	0,002	0,0	0,000	0,000	0,0	0,000	0,000	2,0	0,5	0,008	0,001
Scientific monographs and monographic studies in journals and proceedings published in Slovakia (AAB, ABB)	6,0	0,104	0,007	10,0	0,151	0,011	9,0	0,138	0,010	22,0	0,324	0,023	47,0	11,8	0,183	0,013
Chapters in scientific monographs published abroad (ABC)	0,0	0,000	0,000	2,0	0,030	0,002	0,0	0,000	0,000	0,0	0,000	0,000	2,0	0,5	0,008	0,001
Chapters in scientific monographs published in Slovakia (ABD)	0,0	0,000	0,000	4,0	0,060	0,004	0,0	0,000	0,000	4,0	0,059	0,004	8,0	2,0	0,031	0,002
Scientific papers published in journals registered in Current Contents Connect (ADCA, ADCB, ADDA, AADB)	0,0	0,000	0,000	2,0	0,030	0,002	1,0	0,015	0,001	3,0	0,044	0,003	6,0	1,5	0,023	0,002
Scientific papers published in journals registered in Web of Science Core Collection and SCOPUS (ADMA, ADMB, ADNA, ADNBB)	1,0	0,017	0,001	1,0	0,015	0,001	6,0	0,092	0,007	8,0	0,118	0,008	16,0	4,0	0,062	0,004
Scientific papers published in other foreign journals (not listed above) (ADEA, ADEB)	18,0	0,311	0,020	11,0	0,166	0,012	14,0	0,215	0,015	4,0	0,059	0,004	47,0	11,8	0,183	0,013
Scientific papers published in other domestic journals (not listed above) (ADFA, ADFB)	25,0	0,432	0,028	91,0	1,373	0,101	29,0	0,446	0,032	73,0	1,076	0,076	218,0	54,5	0,848	0,059
Scientific papers published in foreign peer-reviewed proceedings (AEC, AECA)	6,0	0,104	0,007	3,0	0,045	0,003	43,0	0,661	0,047	23,0	0,339	0,024	75,0	18,8	0,292	0,020
Scientific papers published in domestic peer-reviewed proceedings (AED, AEDA)	40,0	0,690	0,045	42,0	0,634	0,046	23,0	0,353	0,025	60,0	0,884	0,063	165,0	41,3	0,642	0,045
Published papers (full text) from foreign and international scientific conferences (AFA, AFC, AFBA, AFDA)	13,0	0,224	0,015	24,0	0,362	0,027	12,0	0,184	0,013	9,0	0,133	0,009	58,0	14,5	0,226	0,016
Published papers (full text) from domestic scientific conferences (AFB, AFD, AFBB, AFDB)	12,0	0,207	0,013	2,0	0,030	0,002	5,0	0,077	0,005	10,0	0,147	0,010	29,0	7,3	0,113	0,008

- **Supplementary information and/or comments on the scientific outputs of the institute.**

2.2. Responses to the research outputs (citations, etc.)

2.2.1. Table with citations per annum.

Citations of papers from international collaborations in large-scale scientific projects (Dwarf team, ALICE Collaboration, ATLAS collaboration, CD Collaboration, H1 Collaboration, HADES Collaboration, and STAR Collaboration) have to be listed separately.

Citations, reviews	2011		2012		2013		2014		total		
	number	No. / FTE	number	No. / FTE	number	No. / FTE	number	No. / FTE	number	averaged number per year	av. No. / FTE
Citations in Web of Science Core Collection (1.1, 2.1)	17,0	0,293	55,0	0,830	42,0	0,645	57,0	0,840	171,0	42,8	0,665
Citations in SCOPUS (1.2, 2.2) if not listed above	30,0	0,518	4,0	0,060	8,0	0,123	41,0	0,604	83,0	20,8	0,323
Citations in other citation indexes and databases (not listed above) (3.2,4.2,9,10)	0,0	0,000	0,0	0,000	0,0	0,000	0,0	0,000	0,0	0,0	0,000
Other citations (not listed above) (3, 4, 3.1, 4.1)	2881,0	49,732	3217,0	48,544	3881,0	59,634	3217,0	47,420	13196,0	3299,0	51,322
Reviews (5,6)	4,0	0,069	6,0	0,091	0,0	0,000	5,0	0,074	15,0	3,8	0,058

2.2.2. List of 10 most-cited publications, with number of citations, in the assessment period (2011 – 2014).

PIETA, Karol. *Keltské osídlenie Slovenska : mladšia doba laténska*. Nitra: Archeologický ústav SAV, 2008. 384 s. Archaeologica Slovaca Monographiae. Studia, Tomus XI. ISBN 978-80-89315-05-5. **(117 – Citations)**

RUTTKAY, Alexander T. Waffen und Reiterausrüstung des 9. bis zu ersten Hälfte des 14. Jahrhunderts in der Slowakei. In *Slovenská archeológia : časopis Archeologického ústavu SAV v Nitre*, 1975, roč. 23, č. 1, s. 119-216. ISSN 1335-0102. **(82 Citations)**

HANULIAK, Milan. *Veľkomoravské pohrebiská : pochovávanie v 9.-10. storočí na území Slovenska*. Nitra: Archeologický ústav SAV, 2004. 391 s. Archaeologica Slovaca Monographiae. Studia, Tomus VIII. ISBN 80-88709-72-5. **(75 Citations)**

ŠALKOVSKÝ, Peter. *Häuser in der frühmittelalterlichen slawischen Welt*. Rec. Darina Bialeková, Ján Botík, Milan Hanuliak. Nitra: Archeologický ústav SAV, 2001. 190 s. Archaeologica Slovaca Monographiae, Tomus VI. ISBN 80-88709-52-0. **(72 Citations)**

FUSEK, Gabriel. *Slovensko vo včasnოსlovenskom období*. Nitra : Archeologický ústav Slovenskej akadémie vied, 1994. 383 s. Archaeologica Slovaca Monographiae, 3. ISBN 80-88709-17-2. **(70 Citations)**

PIETA, Karol. *Die Púchov-Kultur*. Nitra: Archeologický ústav SAV, 1982. 311 s. Studia Archaeologica Slovaca, I. **(65 Citations)**

FURMÁNEK, Václav - VELIAČIK, Ladislav - VLADÁR, Jozef. *Slovensko v dobe bronzovej*. Bratislava : Veda, 1991. 406 s. ISBN 80-224-0350-4. **(69 Citations)**

FURMÁNEK, Václav - VELIAČIK, Ladislav - VLADÁR, Jozef. *Die Bronzezeit im slowakischen Raum*. Rahden/Westf.: Leidorf, 1999. 206 S. Prähistorische Archäologie in Südosteuropa, Band 15. ISBN 3-89646-502-3. **(45 Citations)**

KOLNÍKOVÁ, Eva – HUNKA, Ján. *Nálezy mincí na Slovensku*. IV. Nitra: Archeologický ústav SAV, 1994. 300 s. ISBN 80-901159-2-6. **(44 Citations)**

ZÁBOJNÍK, Jozef. *Slovensko a avarský kaganát*. Rec. Gabriel Fusek, Jozef Hoššo, Peter Šalkovský. Bratislava: FF UK, 2004. 167 s. Studia Archaeologica et Medievalia, Tomus VI. ISBN 80-88982-83-9. **(43 Citations)**

2.2.3. List of most-cited authors from the Institute (at most 10 % of the research employees with university degree engaged in research projects) and their number of citations in the assessment period (2011– 2014).

PhDr. Karol Pieta, DrSc. **(953 Citations)**

prof. PhDr. Alexander T. Ruttkay, DrSc. **(643 Citations)**

Dr. h. c. prof. PhDr. Václav Furmánek, DrSc. **(542 Citations)**

doc. PhDr. Juraj Pavúk, DrSc. **(519 Citations)**

prof. PhDr. Jozef Bátora, DrSc. **(487 Citations)**

doc. PhDr. Matej Ruttkay, CSc. **(470 Citations)**

prof. PhDr. Jozef Vladár, DrSc. **(463 Citations)**

PhDr. Gabriel Fusek, CSc. **(384 Citations)**

PhDr. Milan Hanuliak, DrSc. **(375 Citations)**

PhDr. Ladislav Veliačik, DrSc. **(348 Citations)**

- **Supplementary information and/or comments on responses to the scientific output of the institute.**

Scientific outputs represent the wide range of competence of the Institute of Archaeology of SAS. Besides published monographs and studies, the Institute has various activities – from basic research to the effort to present results of its activities to the public. It is also important to point out that the years 2012-2015 were extremely challenging for project preparation and administration – but the effect will be apparent in the future period. In publishing, the Institute has stable performance. Compared to other disciplines of social science, the quantity of publications is influenced by the demanding scientific investigation process which begins with field work, continues with work with finds and finishes with their thorough documentation. Table 2.1.8 clearly shows a significant progress, mainly in 2014 and 2015. It is partially caused by finishing some big projects which involved more investigators (APVV, projects of SF EU and big projects of VEGA agency). We want to maintain the tendency in the future at all costs. We consider the increased number of responses to published works from 8 360 to 13 196 a great success – it proves that outputs of our investigators are accepted and used in Slovakia as well as in other countries. Although SCC or SCOPUS journals in the field of archaeology do not exist in Slovakia, it is positive that compared to the previous period, the number of WOS citations has doubled. However, it must be mentioned here that many top European archaeological journals are not included in the WOS or in SCOPUS.

The ambition of the Institute of Archaeology of SAS is to try to succeed in registration of the Slovenská archeológia and Študijné zvesti journals with SCOPUS. They have been registered with ERIH for some time now.

12 investigators reached citation of more than 330 responses in the monitored period which is high above standard and proves the quality of researchers of the Institute. The number of studies and publications with more than 40 responses in 2011-2014 is considerable. In addition, we must say that the response time is usually longer in archaeology than in other disciplines. It will definitely be shorter when the works are published directly on the web. This process has already been started.

Regarding the changes in the structure of outputs and in their labelling compared with previous accreditation questionnaire the direct comparison of the outputs is not possible.

2.3. Research status of the institute in international and national contexts

- **International/European position of the institute**

2.3.1. List of the most important research activities demonstrating the international relevance of the research performed by the institute, incl. major projects (details of projects should be supplied under Indicator 2.4). Max. 10 items.

Institute of Archaeology has stable strong position in an international research space. Among other activities, important is also the membership of its collaborators in renowned international organisations and societies.

Most important research activities:

- 1. Project title:** Chieftain grave from Poprad Matejovce.
Partner institution: Stiftung Schleswig - Hollsteinische Landesmuseen Schleswig, Germany
- 2. Project title:** Archaeolandscapes Europe.
Partner institutions: Belgium, Cyprus, Germany, Denmark, Spain, Great Britain, Greece, Hungary, Ireland, Iceland, Italy, Lithuania, Netherlands, Norway, Poland, Romania, Serbia, Slovenia

3. **Project title:** Fidvár near Vrábľe – a settlement at the intersection of the old European metallurgy provinces. Intercultural dynamics and environmental changes on a Landscape Ecological key region of eastern central Europe.
Partner institution: Roman-Germanic Commission German Archeaeological Institute - RGK DAI Frankfurt, Germany
4. **Project title:** Dating and structure of Early Medieval hill forts in Slovakia.
Partner institution: Seminar for Pre - and Early History Johann Wolfgang Goethe - University Frankfurt am Main, Germany
5. **Project title:** Investigation of provenance of (pre)historic cultural remains in the Slovak region by elemental and isotopic fingerprints
Partner institution: University of Natural Resources and Life Sciences – Tulln, Austria
6. **Project title:** Collaborative research agreement - Oxford Radiocarbon Acceleration Unit
Partner institution: Research Laboratory for Archaeology and the History of Art, Oxford, Great Britain.
7. **Project title:** Archaeological research on prehistoric objects Montaneous mining in Špania dolina.
Partner institution: Deutschen Bergbau-Museum Bochum, Germany.
8. **Project title:** Trans-Carpathian cultural relations of the Baden Culture from areas of the Lesser Poland and Eastern Slovakia (3300-2900 BC).
Partner institution: Archaeological Museum in Krakow
9. **Project title:** European castles as centers of cultural exchange in the Middle Ages
Partner institution: Czech Republic, Germany, Denmark, Finland, Hungary, Latvia
10. **Project title:** Cooperation Agreement
Partner institution: Eötvös Loránd Tudományegyetem, Budapest, Hungary

2.3.2. List of international conferences (co)organised by the institute.

1. CELTS 2012. 13th International conference The Late Iron Age in Bohemia, Moravia and Slovakia, Smolenice/Slovakia, 38 participants, 13.05.-16.05.2012.
2. XII. International conference " Time urnfields and Hallstatt period". Hriňová/Slovakia, 64 participants, 14.05.-18.05.2012.
3. BOJNÁ 2012. New research results of the Early Medieval Hill-forts. Bojná/Slovakia, 20 participants, 12.09.-13.09.2012.
4. Tradition and present day of the Saint Cyril and Methodius missionary work, Nitra/Slovakia ,90 participants, 13.11.-15.11.2012.
5. 24th international symposium Fundamental problems of the early historical development in Middle Danubian region. Smolenice/Slovakia, 50 participants, 11.12.-14.12.2012 24. Smolenice/Slovakia 11.-14. 12. 2012.
6. Brothers who changed the world - Constantine and Methodius, 80 participants, Bratislava/Slovakia, 21.02.-21.02.2013.
7. Second Geological and Paleontological and Archaeological discussion 2013, Nitra/Slovakia, 50 participants, 25.04.- 25.04.2013.
8. CELTS 2013. 14th international conference The Late Iron Age in Bohemia, Moravia and Slovakia Buchlovce/Czech republik, 50 participants, 14.05.-17.05.2013.

9. Remote sensing - Methods and Options – workshop. Nitra/Slovakia, 30 participants, 17.05.-17.05.2013.
10. Chieftain grave from Poprad Matejovce. - Preservation 2008 - 2012, Poprad/Slovakia, 40 participants, 17.07.-17.07.2013
11. RURALIA, Smolenice/Slovakia, 50 participants, 09.09.-15.09.2013.
12. 32. International conference about Neolithic and Eneolithic in our Lands. Rimavská Sobota/Slovakia, 48 participants, 23.09.-26.09.2013.
13. IX. Protohistoric conference: Weapon and equipment so the historical development in Central Europe. Bratislava/Slovakia, 41 participants, 01.10.-04.10.2013.
14. XXIII. international symposium "The Early Bronze Age in Bohemia, Moravia and Slovakia". Levice/Slovakia, 50 participants, 08.10.-11.10.2013.
15. 25. international symposium Fundamental problems of the early historical development in Middle Danubian region. Macht des Eisens, Komorná, Poľsko, 43 participants, 05.11.-07.11.2013.
16. Third Geological and Paleontological and Archaeological discussion 2014, Bratislava/Slovakia, 50 participants, 25.03.-25.03.2014.
17. Castrum Bene Egyesület XX. vándorgyűlése, Szögliget/Maďarsko, 39 participants, 02.05.-04.05.2014.
18. CELTS 2014. 15th international conference The Late Iron Age in Bohemia, Moravia and Slovakia Klement – Oberleis/Austria, 60 participants, 11.06.-13.06.2014.
19. Workshop Deutsche Burgenvereinigung, e. V., Slovakia Castles, 27 participants, 30.08.-05.09.2014.
20. 26. international symposium Fundamental problems of the early historical development in Middle Danubian region. Straubing/Germany, 48 participants, 02.12.-07.12.2014.
21. North Carpathian region in the Hallstatt period. Košice/Slovakia, 52 participants, 10.12.-12.12.2014.
22. Fourth Geological and Paleontological and Archaeological discussion 2015. Nitra/Slovakia 40 participants, 06. 05. – 06. 05. 2015.
23. Castrum Bene 14 - Castel and Landscape. Stará Lesná, Slovakia 50 participants, 26.05.-30.05.2015.
24. CELTS 2015. 16th international conference The Late Iron Age in Bohemia, Moravia and Slovakia. Zvíkov/Czech Republik, 50 participants, 27. 05. – 29. 05. 2015
25. The integration of a conservation science and technology in an interdisciplinary conservation materials and objects of heritage. Bratislava/Slovakia, 55 participants, 07. 10 – 09. 10. 2015.
26. 27. Internationales Symposium Grundprobleme der frühgeschichtlichen Entwicklung im mittleren Donauraum. Ruma/Serbia, 46 participants, 05.11.-08.11.2015.
27. Collapse as seen by Slovak Archaeologists. Nitra/Slovakia 22 participants, 05. 11. – 06.11.2015.

2.3.3. List of edited proceedings from international scientific conferences.

Bratia, ktorí menili svet - Konštantín a Metod : príspevky z konferencie. (Brothers Who Changed the World – Costantine and Methodius: conference contributions) Zostavovatelia Branislav Panis, Matej Ruttkay, Vladimír Turčan. Bratislava : Slovenské národné múzeum; Nitra : Archeologický ústav SAV, 2012. 248 s. ISBN 978-80-8060-304-5.

Archeologický ústav SAV. *Archaeologia historica*. Editóri Zdeněk Měřinský, Pavel Kouřil. Brno : Masarykova univerzita, FF, Ústav archeologie a muzeologie ; Brno : Muzejní a vlastivědná společnost ; Nitra : Archeologický ústav SAV : Brno : Archeologický ústav AV ČR, 2013, 2014, 2015. 2 x ročne. ISSN 0231-5823.

Otázky neolitu a eneolitu našich krajín - 2010 : Zborník referátov z 29. pracovného stretnutia bádateľov pre výskum neolitu a eneolitu Čiech, Moravy a Slovenska - Vršatské Podhradie, 27.-30. 9. 2010 (Questions of the Neolithic and Eneolithic in our countries - 2010. Proceedings from the 29th work meeting of investigators of the Neolithic and Eneolithic of Bohemia, Moravia and Slovakia – Vršatské Podhradie, 27-30 September 2010). Eds. Ivan Cheben, Marián Soják. Nitra : Archeologický ústav SAV, 2013. 412 s. ISBN 978-80-89315-43-7.

Ruralia X : Agrarian Technology in the Medieval Landscape : Abstract Book and Excursion Guide. Matej Ruttkay, Peter Bednár, Petra Smetanová, Marek Vojteček, Barbara Zajacová. Nitra: Archeologický ústav SAV, 2013. 56 s. ISBN 978-80-89315-47-5.

Ruralia X: Agrarian Technology in the Medieval Landscape. Agrartechnik in mittelalterlichen Landschaften. Technologie agraire dans le paysage médiéval. 9th - 15th September 2013 Smolenice, Slovakia. Brepolis 2016. 448 s. ISBN: 978-2-503-55137-1.

Otázky neolitu a eneolitu našich krajín - 2013 : Kniha abstraktov a program 32. medzinárodnej konferencie bádateľov pre výskum neolitu a eneolitu Čiech, Moravy a Slovenska (Questions of the Neolithic and Eneolithic in our countries - 2013. Proceedings and programme of the 32nd international conference of investigators of the Neolithic and Eneolithic of Bohemia, Moravia and Slovakia). Ivan Cheben, Marián Soják (editori). Nitra : Archeologický ústav SAV, 2013. 29 s. ISBN 978-80-89315-48-2.

Druhá Geologicko-Paleontologicko-Archeologická Diskusia 2013 : Paleoekológia: spôsoby interakcie medzi človekom a ekosystémom v paleolite. Nitra, 25. 4. 2013 (Zborník abstraktov). (2nd Geological-Paleontological-Archaeological Discussion 2013: Paleoecology: The Forms of Interaction Between Humans and Ecosystem in the Paleolithic). Ed. Ondrej Žaár, Miloš Gregor. Nitra : Archeologický ústav SAV, 2013. 21 S.

Register tehliarskych značiek na Slovensku. (Registry of brick makers' marks in Slovakia). Zostavovatelia NAGYOVÁ, D. - NAGY, P. - ČURNÝ, M. Bratislava : Laterārius, Spoločnosť pre výskum histórie tehliarstva : Slovenské národné múzeum-Archeologické múzeum, 2013. 154 s.

Tretia Geologicko-Paleontologicko-Archeologická Diskusia 2014 : Výpovedná hodnota, kompatibilita a porovnateľnosť údajov získaných povrchovým prieskumom a výskumom. Bratislava, 25.3.2014 (Zborník abstraktov). (3rd Geological-Paleontological-Archaeological Discussion 2014: Information value, compatibility and comparability of the data obtained by surface survey and research. Bratislava, 25 March 2014 (Abstracts)). Ondrej Žaár, Miloš Gregor (editori). Nitra ; Bratislava : Archeologický ústav SAV : Slovenské národné múzeum, Prírodovedné múzeum, 2014. 20 s.

Das nördliche Karpatenbecken in der Hallstattzeit : Zusammenfassungen der Vorträge und Poster zur internationalen Tagung. Hrsg. Elena Miroššayová, Susanne Stegmann-Rajtár. Nitra ; Košice: Archeologický ústav SAV, 2014. 38 s. VEGA č. 2/0051/12 "Podiel východoeurópskych nomádskych spoločenstiev na profilácii kultúrno-historického vývoja Slovenska v dobe halštatskej". (***The East European Nomadic Communities' Contribution to Shaping of the Cultural-Historical Development of Slovakia in the Hallstatt Period***). ISBN 978-80-89315-59-8.

Štvrtá Geologicko-Paleontologicko-Archeologická Diskusia 2015 : Najnovšie výsledky výskumu doby kamennej. Nitra, 6. 5. 2015 (Zborník abstraktov). (***4th Geological-Paleontological-Archaeological Discussion 2015: The latest results of investigation of the Stone Age. Nitra, 6 May 2015 (Abstracts)***). Editori: Ondrej Žaár, Miloš Gregor. Nitra : Archeologický ústav SAV, 2015. 15 S.

Castrum bene 14: Castle and Landscape - Burg und Land : Abstract book and excursion guide. Editors Peter Bednár, Klaudia Daňová, Marek Vojteček. Nitra : Archeologický ústav SAV, 2015. 50 S. ISBN 978-80-89315-84-0.

Popolnicové polia a doba halštatská : Zborník referátov z XII. medzinárodnej konferencie "Doba popolnicových polí a doba halštatská" Hriňová-Poľana 14. - 18. máj 2012 (Urnfield and Hallstatt Age. Proceedings from the 12th international conference.) Ondrej Ožďáni (editor). Nitra: Archeologický ústav SAV, 2015. 261 S. Archaeologia Slovaca Monographiae: Communicationes, Tomus XVII. APVV - 0736-11 "Prínos Slovenska pre hospodársky a spoločenský rozvoj európskeho metalika". ISBN 978-80-89315-85-7.

Keď bronz vystriedal meď : Zborník príspevkov z XXIII. Medzinárodného sympózia „Staršia doba bronzová v Čechách, na Morave a na Slovensku“, Levice 8. – 11. októbra 2013 (When Bronze Replaced Copper. Proceedings from the 23rd international symposium The Early Bronze Age in Bohemia, Moravia and Slovakia). Editori Jozef Bátora, Peter Tóth ; recenzenti Egon Wiedermann, Vladimír Mitáš. Bratislava ; Nitra : Katedra archeológie FiF Univerzity Komenského : Archeologický ústav SAV, 2015. Archaeologica Slovaca Monographiae - Communicationes, Tomus XVIII. ISBN 978-80-89315-93-2.

2.3.4. List of journals edited/published by the institute:

2.3.4.1. WOS (IF of journals in each year of the assessment period)

2.3.4.2. SCOPUS

2.3.4.3. Other databases

Journal: Slovenská archeológia

Periodicity: twice a year

Peer-reviewed journal

Registered database: ERIH (European Reference Index for the Humanities), CEJSH (Central European journal of Social Sciences and Humanities)

Editor-in-chief: Gabriel Fusek

Chairmen of the Editorial Board: Matej Ruttkay

Editorial Board: Gabriel Fusek (SK) Václav Furmánek (SK), Luděk Galuška (CZ), Milan Hanuliak (SK), Joachim Henning (DE), Ivan Cheben (SK), Pavel Kouřil (CZ), Elena Miroššayová (SK), Michał Parczewski (PL), Ján Rajtár (SK), Alexander Ruttkay (SK), Claudia Theune-Vogt (AT), Ladislav Veliačik (SK)

ISSN 1335-0102

Slovenská archeológia is scientific journal published by Archaeological institute of Slovak academy of sciences. Since year 1953, there were 116 issues published, containing 818 scientific papers and hundreds of reports about scientific happenings and book reviews. Journal is designed for Slovak and foreign specialists in the field of archaeology and interested people from other scientific disciplines.

Slovenská archeológia publishes scientific studies about most important archaeological finds and major problems concerning prehistory, protohistory and middle ages in Slovakia and central Europe. Great emphasis is placed on presentation of interdisciplinary cooperation. Around one fifth of the content are papers not only concerning related scientific disciplines, but also natural sciences (anthropology, paleobotany, geophysics, mineralogy, petrography, pedology, metallographyetc.).

Members of the editorial board are leading Slovak and foreign scholars—from Czech Republic, Austria, Germany and Poland. All papers are considered by two reviewers, experts in the related topic. Reviews are standardized, reviewers are completing the forms, in which is formal and scientific level of the submitted papers considered. Foreign authors include around one quarter of published papers. During the existence of journal, foreign authors come from 15 countries, in the last 10 years mostly from Germany, Austria, Czech Republic, Hungary, Poland and Romania. Journal is at this time recorded in European Reference Index for the Humanities (ERIH) database and online accessible abstracts are recorded in Central European journal of Social Sciences and Humanities (CEJSH) database. Full text of volumes from years 1953 –2004 is also online accessible. Other issues are being prepared for publication.

Journal: Študijné zvesti Archeologického ústavu SAV

Periodicity: twice a year

Peer-reviewed journal

Registered database: CEJSH (Central European journal of Social Sciences and Humanities)

Editor-in-chief: Gertrúda Březinová, Alena Bistáková

Editorial Board: Gertrúda Březinová (SK), Alena Bistáková (SK), Lucia Benediková (SK), Jozef Bujna (SK), Jana Čižmářová (CZ), Eva Fottová (SK), Joachim Henning (DE), Ivan Cheben (SK), Alexandra Krenn-Leeb (AT), Ján Rajtár (SK), Peter C. Ramsel (AT), Jozef Zábojník (SK)

ISSN 0560-2793

The Študijné zvesti AÚ SAV journal publishes studies focused on the topics of archaeology from prehistory to the Middle Ages, anthropology, archaeobotany, archaeozoology, archaeometry, geophysics, numismatics, applied geodetic and 3D methods. Published works deal with results of field archaeological activities (investigations, surveys, aerial archaeology), analyses, preliminary and partial evaluations, methodology, and registers of sites and finds.

The journal offers publishing space for the diploma works and MA theses in the field of archaeology and fields of science with relation to archaeology from the defined scope of interests of the journal that are beneficial for scientific research. In addition to regular issues, some issues are monothematic – they are a platform for publishing contributions or abstracts from conferences or outputs from grant projects.

The journal has a long tradition. Its first issue was published in 1957. In first 50 years (1957-2006), 40 issues of the Študijné zvesti AÚ SAV journal altogether were published. It appeared irregularly, when the content of individual issues was filled. It often played the role of proceedings from conferences. In 2007, the journal became a periodical and started to be issued twice a year. Since issue 42/2007, the journal has been peer-reviewed. Since 2013, the journal has been listed in the Central European Journal of Social Science and Humanities (CEJSH) database, which contains data since 2005.

Journal: Archaeologia historica

Periodicity: twice a year

Peer-reviewed journal

Registered database: Ulrich's web Global Serials directory, EBSCO, ERIH PLUS, SCOPUS

Editor-in-chief: Pavel Kouřil, Zdeněk Měřinský

Editorial Board: Zdeněk Měřinský (CZ), Pavel Kouřil (CZ), Jan Klápště (CZ), Matej Ruttkay (SK), Michal Slivka (SK), Petr Sommer (CZ), Falko Daim (DE), Jerzy Piekalski (PL),

ISSN 0231-5823 (print), ISSN 2336-4386 (online)

Archaeologia historica is a prestigious peer-reviewed professional journal publishing original studies focused on medieval archaeology and related branches. In the sections Zprávy (Reports) and Kronika (Chronicle) it informs in brief about new publications, conferences, exhibitions and significant personalities.

The journal, originally periodical proceedings of national and international conferences on medieval archaeology, was established in 1976 under the auspices of the Museum and Local History Society in Brno. It was in 2007 (after the death of Prof. PhDr. Vladimír Nekuda, DrSc., founder of the whole editorial series) that Prof. PhDr. Zdeněk Měřínský, CSc., vice-chairman of the Museum and Local History Society, was appointed editor-in-chief by the Board of the Museum and Local History Society in Brno, and editorial works were taken over by the Department of Archaeology and Museology, Faculty of Arts of the Masaryk University in Brno. Archaeological Institute participates in publishing the journal since 2010.

2.3.4.4. Not included in databases

National position of the institute

2.3.5. List of selected projects of national importance

1. **Project title:** *Early medieval centres of power (central Danubian region).*
Project: APVV
2. **Project title:** *Contribution of Slovakia for Economic and Social Development of European Metal Age*
Project: APVV
3. **Project title:** Dynamics of the exploitation of silicate material resources during the Paleolithic and neolithic in the western Slovakia
Project: APVV
4. **Project title:** *Central Europe between the Celtic Oppida and the Ancient Slavic Centres of Power*
Project: APVV
5. **Project title:** Ancient Slovakia: History of Slovakia from its prehistory to the Top Middle Ages
Project: Centres of Excellence SAS
6. **Project title:** Centre for the Research into the Oldest history of the Middle Danube River Basin
Project: National project supported by EU Structural Funds
7. **Project title:** Completion of the state-of-the-art workplace for research and development in the field of protection and rescue of the cultural heritage of Slovakia
Project: National project supported by EU Structural Funds
8. **Project title:** Daily life at medieval castles and in the beginning of New Age
Project: VEGA
9. **Project title:** Civilization of the Urnfield Cultures in Slovakia
Project: VEGA
10. **Project title:** From a Detail to a Whole. Reflexion of Current Needs of Archaeological Research in the Early Middle Ages
Project: VEGA
11. **Project title:** Between the Antiquity and the Middle Ages. Ethnic-Cultural Relations in the Middle Danubian Region from the Celtic Occupation till the Beginning of the Middle Ages
Project: VEGA

12. **Project title:** Migration - Acculturation - Mobility - Trade in the Late Migration Period and the Early Middle Ages in the Area of Slovakia.
Project: VEGA
13. **Project title:** The Warfare and Weaponry in Great Moravia and in the medieval Kingdom of Hungary.
Project: VEGA
14. **Project title:** Fortified settlements in the Early Bronze Age in Slovakia - centers of production, distribution, exchange, cult and residence of social elite?
Project: VEGA
15. **Project title:** Medieval burials in Nitra region.
Project: VEGA
16. **Project title:** The Warfare and Weaponry in Great Moravia and in the medieval Kingdom of Hungary
Project: VEGA
17. **Project title:** Material culture and its contribution to reconstruction terrestrial life and burial practices in medieval society.
Project: VEGA
18. **Project title:** *Edition of archaeological sources from the Neolithic and Eneolithic periods in Slovakia*
Project: VEGA
19. **Project title:** Power structures of the Early History and Early Medieval archaeological sources
Project: VEGA
20. **Project title:** Structure and determinants of settlement of the East Slovakia on the background of natural, cultural and social conditions in the Prehistoric Times to the Early Modern Period
Project: VEGA

2.3.6. Projects of the Slovak Research and Development Agency (APVV)

Project title: Early medieval centres of power (central Danubian region)

Responsible person: Karol Pieta

Project duration: 1.5.2011 / 30.4.2014

Registration number: 0553-10

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Total budget: 248 765 €

The field research, progressive natural scientific analysis (as geophysics, micromorphology, dendrodating) as well as the theoretical studies contributed considerably to broadening our knowledge about the historical roots and establishment mechanisms of the centres of production and power. The time and reasons that led to the establishment and extinction of large agglomerations were specified; the economic, strategic and political reasons of their establishment were investigated, as well. To the remarkable contributions belongs the discovery of a new Early Medieval centre of power in upper Nitra valley region. It was determined that also the centres of power of the previous periods of the Celtic and Germanic occupation of the Middle Danubeian region, with remarkable concentration at the territory of Slovakia, originated according to the same principals of demographic and economic growth. The main sites of interest of the research within the project – particularly Nitra and Bojná, with many new finds of material culture, as well as their presentation in the form of audiovisual and exhibition projects and model reconstructions – gained considerable response in the society home and abroad in favour of Slovak science. For the large scope of the researched topic, discoveries of new sites and emergence of new problems it was not possible to conclude the research completely and it will be necessary to continue the in-depth investigation on the qualitatively higher level.

Project title: Contribution of Slovakia for Economic and Social Development of European Metal Age

Responsible person: Václav Furmánek

Project duration: 1.7.2012 / 30.6.2015

Registration number: APVV-0736-11

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Total budget: 235 039 €

Results of the project evaluation have showed enormous potential in the source base of Slovakia for solving the main issues of the dynamics of the historical development in Europe during the Neolithic, Aeneolithic, Bronze and Iron Ages. Large systematic archaeological excavations were followed by their scientific evaluation and publication. Predictive value of this material has been enganced by adequate co-operation with the natural sciences, mainly metallography, anthropology and archaeobotany. These results were published in monographs, proceedings contributions, published home and abroad (see “the most significant publications”). The significance and contribution of the past populations inhabiting the territory of Slovakia was clearly demonstrated for economic and social development of prehistoric Europe. It was a particularly important for development of non-ferrous metallurgy and the related development of other crafts in the period of the beginning of the earliest occurrence of metal artefacts, through the massive occurrence to the period of metallurgy. The subject cannot be assessed as definitively closed. While solving new issues of prehistory, production, exchange, social structures and more have occurred that need further evaluation in future.

Project title: Dynamics of the exploitation of silicate material resources during the Paleolithic and Neolithic in the Western Slovakia

Responsible person: Ivan Cheben

Project duration: 1.7.2015 / 30.6.2019

Evidenčné číslo projektu: APVV-14-0742

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Total budget: 139 394€

Tracing the distribution of the silicate rock resources in the Stone Age provides an important tool for understanding the economics and mobility of individual societies during this period. Basic attribute of the study is the evaluation of chipped stone industry and the determination of origins of the exploited resources, which occur in the ensemble of finds on the individual sites. When evaluating observed problems it is necessary to relate to the geological-petrographic analysis as well to consider the complex technological analysis of the stone silicate artifacts. The main aim of the proposed project is the study of a production technology and a typological analysis of the chipped stone industry. Main goals consist of the determination of form and purpose of import of the material to the settlement, its transformation and the identification of an artefact. It is a product that was the purpose of its production. Information gathered from the individual sites can be compared within certain time frame, as well as between various time frames. Results can refer to the development of production technologies during the Stone Age, from the process of obtaining the material, the primary treatment and the distribution to the final usage in western Slovakia. The adaptation of populations is reflected in the organization of settlements and also in the means of obtaining of the material, which is closely related to cultural aspects.

Project title: Central Europe between the Celtic Oppida and the Ancient Slavic Centres of Power

Responsible person: Karol Pieta

Project duration: 1.7.2015 / 28.6.2019

Evidenčné číslo projektu: APVV-14-0842

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Total budget: 225 076 €

Geographic and communication attributes, and raw material sources of Slovakia constituted the remarkable preconditions within the Central Europe for establishment of over-regional centres of power. Analyses, evaluation, and comparison of Celtic, Germanic, and Ancient Slavic settlement of our territory will enable an access for expert as well as public audience to the unique sites of European importance. At the end of year 2015 new sites in hinterland of Bojná centre of power has been discovered. Sampling of the sites in Liptov region yielded new information, whose outputs were presented in a scientific study and at the project web site. Successfully were proceeded also long-term analytical laboratory and conservation works of the chieftain tomb from Poprad. Important were presentations of the project team members at international forums with lectures and posters. Information about the course of investigations of project tasks can be found on the project web site where current information about the project works are published, as well as the first outputs of the project co-investigators. Project activities include also popular-scientific events.

2.3.7. Projects of the Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA)

1. **Project title:** Central settlements of the Final Aeneolithic and the Early Bronze Age in the north-western part of the Carpathian basin and their social and economic background)

Responsible person: Jozef Bátora

Project duration: 1.1.2010 / 31.12.2012

Registration number: 2/0013/10

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Total budget: 11758 €

2. **Project title:** Personal ornaments and clothing fittings as a source of archaeologically perceivable cloth, production and distribution activities and mobility of Iron Age communities on the territory of Slovakia

Responsible person: Gertrúda Březinová

Project duration: 1.1.2010 / 31.12.2012

Registration number: 2/0061/10

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Total budget: 5635 €

3. **Project title:** Surroundings and economic background of Lengyel-culture circular enclosures in Western Slovakia
Responsible person: Ivan Cheben
Project duration: 1.1.2010 / 31.12.2012
Registration number: 2/0164/10
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 8996 €
4. **Project title:** Neolithic and Eneolithic upland settlements in the northern part of the Carpathian basin
Responsible person: Gabriel Nevizánsky
Project duration: 1.1.2010 / 31.12.2012
Registration number: 2/0007/10
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 7048 €
5. **Project title:** Daily life of the castle in the Middle Ages and at the beginning of Modern Period
Responsible person: Peter Bednár
Project duration: 1.1.2011 / 31.12.2013
Registration number: 2/0186/11
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 28 693 €
6. **Project title:** Characteristic properties of components of the material culture from medieval settlements and burial places
Responsible person: Milan Hanuliak
Project duration: 1.1.2011 / 31.12.2013
Registration number: 2/0034/11
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 15 331 €
7. **Project title:** Mobility of hunters-gatherers communities in the Palaeolithic and Mesolithic on the territory of Slovakia as evidenced by lithic raw materials usage
Responsible person: Ľubomíra Kaminská
Project duration: 1.1.2011 / 31.12.2013
Registration number: 2/0027/11
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 5609 €
8. **Project title:** Advancement in technologies of glass-crystalline substances in relation to culture and economy of Slovakia in prehistory, protohistory and Early Middle Ages
Responsible person: Klára Marková
Project duration: 1.1.2011 / 31.12.2013
Registration number: 2/0152/11
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 9828 €
9. **Project title:** Monasteries of the Early Middle Ages
Responsible person: Bibiana Pomfiová/ IA Marián Samuel
Project duration: 1.1.2011 / 31.12.2014
Registration number: 2/0023/11
Coordinator: Institute of Art History
Total budget: 1765 €
10. **Project title:** Courtyards in the 9th - 15th centuries in the mid-Danubian region and their social and economic functions
Responsible person: Alexander T. Ruttkay
Project duration: 1.1.2011 / 31.12.2013

Registration number: 2/0136/11
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 9392 €

11. Project title: Civilization of the Urnfield Cultures in Slovakia
Responsible person: Václav Furmánek
Project duration: 1.1.2012 / 31.12.2015
Registration number: 2/0098/12
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 87 232 €

12. Project title: From a Detail to a Whole. Reflexion of Current Needs of Archaeological Research in the Early Middle Ages
Responsible person: Gabriel Fusek
Project duration: 1.1.2012 / 31.12.2014
Registration number: 2/0050/12
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 40 285 €

13. Project title: Diversification of settlement in Šarišské podolie and Košice Basin from Prehistory to Early Period
Responsible person: Eva Horváthová
Project duration: 1.1.2012 / 31.12.2014
Registration number: 2/0047/12
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 24146 €

14. Project title: Contribution of East European nomadic groups to shaping of cultural-historical development of Slovakia in the Hallstatt period
Responsible person: Elena Miroššayová
Project duration: 1.1.2012 / 31.12.2014
Registration number: 2/0051/12
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 7036 €

15. Project title: Between the Antiquity and the Middle Ages. Ethnic-Cultural Relations in the Middle Danubian Region from the Celtic Occupation till the Beginning of the Middle Ages
Responsible person: Karol Pieta
Project duration: 1.1.2012 / 31.12.2014
Registration number: 2/0117/12
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 62 987 €

16. Project title: Creating databases and e-publishing archaeological sources from the Roman kastel in Iža
Responsible person: Ján Rajtár
Project duration: 1.1.2012 / 31.12.2014
Registration number: 1/0058/12
Coordinator: Trnava University, Classical Archaeology
Total budget: 3940 €

17. Project title: Migration - Acculturation - Mobility - Trade in the Late Migration Period and the Early Middle Ages in the Area of Slovakia
Responsible person: Matej Ruttkay
Project duration: 1.1.2012 / 31.12.2015
Registration number: 2/0189/12
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 86 342 €

18. **Project title:** Archeo Genetic research of the contact zone of the 10th century in Slovakia
Responsible person: Alexander T. Ruttkay
Project duration: 1.1.2012 / 31.12.2014
Registration number: 1/0897/12
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 3546 €

19. **Project title:** Fortified settlements in the Early Bronze Age in Slovakia - centers of production, distribution, exchange, cult and residence of social elite?
Responsible person: Jozef Bátora
Project duration: 1.1.2013 / 31.12.2015
Registration number: 2/0036/13
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 23 962 €

20. **Project title:** Polished industry of Slovakia's Neolith and Eneolith in the Context of Central Europe's Raw Material Resources
Responsible person: Ivan Cheben
Project duration: 1.1.2013 / 31.12.2015
Registration number: 2/0147/13
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 22 863 €

21. **Project title:** Edition of archaeological sources from the Neolithic and Eneolithic periods in Slovakia
Responsible person: Gabriel Nevizánsky
Project duration: 1.1.2013 / 31.12.2015
Registration number: 2/0063/13
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 24 906 €

22. **Project title:** *Medieval burials in Nitra region*
Responsible person: Peter Bednár
Project duration: 1.1.2014 / 31.12.2017
Registration number: 2/0156/14
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 28 437 €

23. **Project title:** Life in the border region. Settlement patterns in the foreground and background of the Pannonian limit from the younger Iron Age after the end of antiquity
Responsible person: Gertrúda Březinová
Project duration: 1.1.2014 / 31.12.2016
Registration number: 1/0045/14
Coordinator: Trnava University, Classical Archaeology
Total budget: 12 713 €

24. **Project title:** Material culture and its contribution to reconstruction of life and burial practices in medieval society
Responsible person: Milan Hanuliak
Project duration: 1.1.2014 / 31.12.2016
Registration number: 2/0044/14
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 15 745 €

25. **Project title:** Technology and economics of raw materials in the context of the Palaeolithic in the Middle Danube region
Responsible person: Bibiána Hromadová

Project duration: 1.1.2014 / 31.12.2017
Registration number: 2/0181/14
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 9210 €

26. **Project title:** Settlement Development in the South of Košice Basin during the Stone Ages (Upper Palaeolithic - Middle Neolithic)
Responsible person: Ľubomíra Kaminská
Project duration: 1.1.2014 / 31.12.2016
Registration number: 2/0006/14
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 4421 €

27. **Project title:** The Warfare and Weaponry in Great Moravia and in the medieval Kingdom of Hungary
Responsible person: Alexander T. Ruttkay
Project duration: 1.1.2014 / 31.12.2017
Registration number: 2/0195/14
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 8841 €

28. **Project title:** Faience, Glass-crystalline, Glass Materials in the Prehistoric Times to the Early Middle Ages in Slovakia
Responsible person: Klára Marková /Susanne Stegmann-Rajtár since 2015
Project duration: 1.1.2014 / 31.12.2016
Registration number: 2/0111/14
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 4195 €

29. **Project title:** Man and Mountains over the time- from the Prehistoric fortification to the Medieval Castles
Responsible person: Ján Beljak
Project duration: 1.1.2015 / 31.12.2017
Registration number: 2/0208/15
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 562 €

30. **Project title:** Structure and determinants of settlement of the Eastern Slovakia on the background of natural, cultural and social conditions in the Prehistoric Times to the Early Modern Period
Responsible person: Eva Horváthová
Project duration: 1.1.2015 / 31.12.2017
Registration number: 2/0030/15
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 8313 €

31. **Project title:** New findings of Numismatic heritage in relation to Archaeological and Historical sources
Responsible person: Ján Hunka
Project duration: 1.1.2015 / 31.12.2017
Registration number: 2/0170/15
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 2638 €

32. **Project title:** Profiling of settlement enclaves on long distance communications in the northern part of the Carpathian Basin
Responsible person: Elena Miroššayová
Project duration: 1.1.2015 / 31.12.2017

Registration number: 2/0032/15
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 2031 €

33. **Project title:** Power structures of the Early History and Early Medieval archaeological sources
Responsible person: Karol Pieta
Project duration: 1.1.2015 / 31.12.2017
Registration number: 2/0121/15
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 26120 €

34. **Project title:** Kastel in Iža – part of Limes Romanus in Slovakia
Responsible person: Ján Rajtár
Project duration: 1.1.2015 / 31.12.2017
Registration number: 1/0346/15
Coordinator: Trnava University, Classical Archaeology
Total budget: 3065 €

35. **Project title:** Raw materials and technology in the early historical period in Slovakia
Responsible person: Ján Rajtár
Project duration: 1.1.2015 / 31.12.2017
Registration number: 2/0150/15
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Total budget: 7256 €

2.3.8. Projects of SAS Centres of Excellence

Project title: Ancient Slovakia: History of Slovakia from its prehistory to the High Middle Ages
Responsible person: Václav Furmánek
Project duration: 1 February 2009 / 31 January 2013
Registration number: 166/E/075/2009
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: 8 – Austria: 2, Czech Republic: 3, Hungary: 3
Total budget: 30,000 EUR

The project was focused on presentation and summarization of exceptional achievements of Slovak archaeology within terrain research as well as in the theoretical field. Nine project teams were created to separately elaborate and publish results of key investigations from the territory of Slovakia in numerous monographs and studies. They cover the time span from prehistory, through early history through the Middle Ages to the beginning of early modern history.

2.3.9. National projects supported by EU Structural Funds

Project title: Centre for the Research into the Oldest history of the Middle Danube River Basin
Responsible person: Matej Ruttkay
Project duration: 28 October 2010 / 31 March 2015
Registration number: 26220120059
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: 0
Total budget: 3,164,504.06 EUR

The project was focused on investigation, preferentially non-destructive surveys of archaeological sites of Slovakia and rescue of cultural heritage. ISAU – an information system containing information on archaeological investigations in Slovakia since 1939 when the Institute was founded – was created. A technological centre for detection of archaeological sites by means of modern methods was established. Extensive series of non-destructive surveys were carried out as a base

for elaboration of detailed archaeological maps (Spiš, Zemplín, lower Hron region, Ipel' region, upper Žitava region). For the first time, LIDAR scans were intensely used to make multiple new discoveries. A new discipline was developed – 3D archaeology, restoration and conservation laboratories were updated. Successful solving of the project was a break point in the material and technical equipment of the Institute which was promoted to the top European level. Simultaneously, numerous new investigation methods were tested involving interdisciplinary domestic as well as international research. Our knowledge of the ancient development of selected regions was considerably changed. A collection of monographs and scientific studies as well as new international research cooperations are the results.

Project title: Completion of the state-of-the-art workplace for research and development in the field of protection and rescue of the cultural heritage of Slovakia

Responsible person: Ivan Cheben

Project duration: 15. January 2014 / 30 Jun 2015

Registration number: NFP 26210120123

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: 0

Total budget: 2 714 867.42 EUR

The goal of the project was to improve quality of the technical infrastructure and thus, increase the ability of the institution to effectively cooperate with research institutions in the European Union. During the project, it was possible to reconstruct and modernize laboratories, ICT networks and equipment. New scientific depositories were built where archaeological cultural heritage is safely deposited. New software was purchased to support non-destructive surveys and demanding processing of 3D data. Within this project, a programme for collecting information on archaeological finds (find situation, depositing, chemical interventions, restoration, lendings, principles of protection, etc.) was developed and is now integrally connected with the Information system of the Institute of Archaeology of SAS.

Project title: Preservation and revitalization of cultural and natural heritage and Supporting diversity in culture and art within the European cultural heritage

Responsible person: Matej Ruttkay

Project duration: 15 October 2014 / 29 February 2016

Registration number: SKOS – CLT02004

Coordinator: Bratislava, the capital of SR

Number of co-solving institutions: 3

Total budget: 399 729 EUR

In close cooperation with Bratislava as the capital of the Slovak Republic, we participate in the scientific research, renovation and revitalization of one of the most eminent monuments in Slovakia – the castle of Devín.

2.3.10. List of journals (published only in the Slovak language) edited/published by the institute:

2.3.10.1. WOS (IF of journals in each year of the assessment period)

2.3.10.2. SCOPUS

2.3.10.3. Other databases

2.3.10.4. Not included in databases

Journal (non-periodical): Archaeologické výskumy a nálezy na Slovensku (AVANS)

Periodicity: once a year

Peer-reviewed journal: from 2010

Registered database: -

Editor-in-chief: Ivan Cheben, Klaudia Daňová, Marek Vojteček

Editorial Board: Ivan Cheben (SK), Klaudia Daňová (SK), Marek Vojteček (SK), Jiří Doležel (CZ), Martin Krenn (A)

ISSN 0231-925X

The Archeologické výskumy a nálezy na Slovensku – AVANS annual (Archaeological excavations and finds in Slovakia) is a non-periodical. It serves study, scientific and information purposes and is used by experts in archaeology. In form of contributions, it provides complete information and an overall review of the results of archaeological researches and surveys as well as of accidental and individual finds from the territory of Slovakia in the previous year.

Journal (non-periodical): Východoslovenský pravek

Periodicity: non-periodical

Peer-reviewed journal: -

Registered database: -

Editor-in-chief: Elena Miroššayová

Editorial Board: Elena Miroššayová (SK), Jan Grancarski (PL), Eva Horváthová (SK), Rastislav Hreha (SK), Eszter Istvánovits (H), Ľubomíra Kaminská (SK), Mária Lamiová-Schmiedlová (SK), Igor Prochnenko (UA)

ISSN 0231-925X

VÝCHODOSLOVENSKÝ PRAVEK (Eastern Slovak Prehistory) publishes new results of terrain as well as theoretical investigation of prehistory and early history of eastern Slovakia and presents studies dealing with the historical development of settlement in the northeastern part of the Carpathian Basin.

- **Position of individual researchers in an international context**

- 2.3.11. List of invited/keynote presentations at international conferences, as documented by programme or invitation letter**

2012

BÁTORA, J.: „The Early Bronze Age cemeteries of SW Slovakia and their information value concerning the socio-economic problematic.“ Prednáška na Cultural Mobility in Bronze Age Europe. International Conference under the auspices of the FP7 Marie Curie ITN Forging Identities and the 12 th Nordic Bronze Age Symposium. Aarhus University , Aarhus /Dánsko, 5.-9. 6. 2012.

BEDNÁR, P.-HREHA, R.-RUSNÁK, R., GÁBOR, P.-HLAVÁČOVÁ, S.-ŠIMKOVIC, M.: Výskumy hradov na východnom Slovensku v roku 2012. Konferencia „Castrum“, Visegrád, Maďarsko, 14. 10. 2012.

BEDNÁR, P. - RUTTKAY, M.: Hradý 9.-11. storočia - Kontinuita alebo diskontinuita.. Konferencia: Bojná 2012, neue Ergebnisse der Erforschung frühmittelalterlicher Burgwälle. Bojná, 12.-13. 9. 2012.

BELJAK, J.: Gran region settlement at the Marcomannic Wars; 24. Internationales Symposium Grundprobleme der frühgeschichtlichen Entwicklung im mittleren Donauraum. Neue Forschungen zu den Markomannenkriegen: Zeitliches und räumliches Umfeld – Ursache, Verlauf, Auswirkungen; Smolenice, Slovensko; 11.12.-14.12.2012

BELJAK, J.-PAŽINOVÁ, N.: Ausgrabungen auf der Wusten Burg in Zvolen in der Mittelslowakei; Junges Forum 2012 - Europäisches Burgeninstitut; Braubach, Nemecko, 1.3.-4.3.2012.

BELJAK, J.-PAŽINOVÁ, N.: Zólyom (Zvolen) Pusztavár és a Petusa vára; A várkutatás újabb eredményei; Visegrád, Maďarsko; 14.10.2012.

BELJAK, J.-PAŽINOVÁ, N.: A zólyomi Pusztavár és Petuša vár 2012-évi régészeti ásatás eredményei; Fiatal Középkoros Régészek IV. Konferenciája; Kaposvár, Maďarsko; 22.11.-24.11.2012.

BELJAK, J.-ŠIMKOVIC, M.: Residence towers at Zvolen (Deserted) castle, Slovak; 3rd Conference in Towers in Medieval Europe „ Urbs Turrita – Towers in Medieval Cities and Towers“; Krakow, Poľsko; 20.07.-23.07.2012.

BISTÁKOVÁ, A.-PAŽINOVÁ, N.: Bestattungen der Lengyel Kultur im Karpatenbecken. Medzinárodná konferencia: Irreguläre Bestattungen in der Urgeschichte. Frankfurt nad Mohanom (Nemecko), 2.-5.2.2012.

BISTÁKOVÁ, A.-NEVIZÁNSKY, G.: Sídliisko badenskej kultúry v Bajči-Vlkanove, poloha Tehelňa.

Medzinárodná konferencia: The Baden Culture around the Western Carpathians. Krakov (Poľsko), 7.-09.11. 2012.

BŘEZINOVÁ, G. - KNOLL, M. Výroba kópie sklensej náramenice zo Šurian – Nitrianskeho Hrádku. Kelti 2012, Smolenice, 13.-16.5.2012.

BŘEZINOVÁ, G. - KNOLL, M. Postup výroby kópie sklensej náramenice zo Šurian – Nitrianskeho Hrádku. Konferencie konzervátorů-restaurátorů 11. - 13. 9. 2012, Litoměřice.

ELSCHEK, Kristián – IVÁN, Robert - ŮLVECKÝ, Róbert - RAJTÁR, Ján. Das germanische Brandgräberfeld von Sekule. 24. Internationales Symposium Grundprobleme der frühgeschichtlichen Entwicklung im mittleren Donauraum. Neue Forschungen zu den Markomannenkriegen: Zeitliches und räumliches Umfeld – Ursache, Verlauf, Auswirkungen. Smolenice 11.-14. 12. 2012.

FURMÁNEK, V.: Polstoročie výskumu popolnicových polí na Slovensku. Medzinárodná vedecká konferencia Poľana. XII. Medzinárodná konferencia „Doba popolnicových polí a doba halštatská“. Poľana – Hriňová, 14.-18.5.2012.

FURMÁNEK, V. – OŽĎÁNI, O.: Mohyly a mohyly (?). Medzinárodná vedecká konferencia „Pohřbívání pod mohylami“, Západočeské museum Plzeň, 15.-17. 2. 2012.

HENNING, J. – HEUSSNER, K.U. - RUTTKAY, M. – PIETA, K.: Bojná und die Datierung frühmittelalterlicher Burgwälle im Nitaer Fürstentum: naturwissenschaftliche Methoden und archäologisches Fundmaterial. Konferencia: Bojná 2012, neue Ergebnisse der Erforschung frühmittelalterlicher Burgwälle. Bojná, 12.-13. 9. 2012.

HORVÁTHOVÁ E.: Aktuálny stav výskumu badenskej kultúry v slovenských regiónoch severného Potisia/The current state of research on the Baden Culture at Slovakian areas in the northern basin of the Tisza river, Kultura Badeńska Wokół Karpat Zachodnich/The Baden Culture around the Western Carpathians, Kraków, 7. - 9. 11. 2012.

HORVÁTHOVÁ E.: Nové doklady osídlenia badenskej kultúry v Prešove (severovýchodné Slovensko, región Šariša)/New data to cognition of the Baden Culture settlement in Prešov (north-eastern Slovakia, Šariš), Kultura Badeńska Wokół Karpat Zachodnich/The Baden Culture around the Western Carpathians, Kraków, 7. - 9. 11. 2012.

HREHA, R.: Hroby kyjatickej kultúry zo Silice/XII. Medzinárodná konferencia „Doba popolnicových polí a doba halštatská, Hriňová - Poľana, 14. - 18. 5. 2012.

HÜSSEN, Claus-Michael - RAJTÁR, Ján. Die archäologischen Zeugnisse der Markomannenkriege in der Slowakei. 24. Internationales Symposium Grundprobleme der frühgeschichtlichen Entwicklung im mittleren Donauraum. Neue Forschungen zu den Markomannenkriegen: Zeitliches und räumliches Umfeld – Ursache, Verlauf, Auswirkungen. Smolenice 11.-14. 12. 2012.

CHEBEN, Ivan: Žiarové pohrebisko lužickej kultúry v Trenčíne. 12. medzinárodná konferencia Doba popolnicových polí a doba halštatská, Hriňová – Poľana, 14. – 18. 5. 2012

CHEBEN, I.-CHEBEN, M.: Nové nálezy kultúry lineárnej a železovskej skupiny z povodia Žitavy. 31. konferencia Otázky neolitu a eneolitu našich zemí, Dobřany 24. – 27. 9. 2012.

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MALČEK, R.: Neolitické nálezy z Oždian–Lapoša (okr. Rimavská Sobota). Poster. XXXIV. Konferencia „ Otázky neolitu a eneolitu Čech, Moravy a Slovenska“, Všeradice, 14.–17. 9. 2015.

MITÁŠ, V. Slovenská únětická kultura (Stav výskumu): 24. Mezinárodní konference Starší doba bronzová v českých zemích a na Slovensku. Sedlec–Prčice, 9.–6.10.2015.

NEMERGUT, A.: Najnovšie výsledky archeologického výskumu neskoropaleolitických lokalít na Orave. Konferencia: 4. Geologicko-Paleontologicko–Archeologická Diskusia 2014. Nitra, 6. 5. 2015.

NEZVALOVÁ, L.: Inhumations of an individuals in prone position as one of the forms of deviant burials in 9.–12. century. Konferencia: „On the Fringe: The Unfree, the Unclean & the Unwanted“. Ljubljana, 13.–14. 3. 2015.

NEZVALOVÁ, L.: Anomálie v pochovávaní na stredovekých pohrebiskách–prejav okrajových skupín obyvateľstva? Konferencia: 47. mezinárodní konference archeologie středověku: „Archeologie sociální a kulturní identity ve středověku“. Cheb, 14.–18. 9. 2015.

NEZVALOVÁ, L.: Anomálie v prejavoch pochovávaní okrajových skupín obyvateľstva. Konferencia: „Chronology and Typology. Hadák Útján XXV“. Komárno, 19.–22. 10. 2015.

ORAVKINOVÁ, D./HROMADOVÁ, B.: A preliminary evaluation of bone and antler industry from the fortified hillfort settlement of Otomani culture in Spišský Štvrtok . 24. Mezinárodní konference Starší doba bronzová v českých zemích a na Slovensku. Sedlec–Prčice, 9.–6. 10. 2015.

PIETA, K./RAJTÁR, J./VARSIK, V.: Die spätkaiserzeitliche Besiedlung der heutigen Slowakei. 27.Internationales Symposium Grundprobleme der frühgeschichtlichen Entwicklung im mittleren Donauraum, Téma: GrenzÜbergänge. „Spätromisch“, „frühchristlich“, „frühbyzantinisch“ als Kategorien der historisch-archäologischen Forschung an der mittleren Donau (4.–8. Jh. n. Chr.) Ruma (Srbsko), 5. 11. 2015.

PIETA, K.: Staré Slovensko 6– doba laténska. Nová monografia. Kelti 2015–The Celts 2015. Zvíkov (ČR), 28. 5. 2015.

PIETA, K.: Projekt Poprad: Aktivitäten in der Slowakei 2015. Projekt DFG Treffen-Projekt Poprad, Schleswig, 2. - 3. 12. 2015.

ROBAK, Z.: Carolingian Male Ornaments in Great Moravia. Konferencia: “Just a Fashion or a Manifestation of Social Identity. 21st Annual Meeting of the European Association of Archaeologist”. Glasgow, 2.–5. 9. 2015.

ROBAK, Z.: The Carolingian and Great Moravian Sword Belt Sets. Konferencia: „Chronology and

- Typology. Hadák Útján XXV". Komárno, 19.–22. 9. 2015.
- ROBAK, Z.: Chronology and Periodization of the Carolingian Imports at the Carpathian Basin. Konferencia: "How long is the 9th century A. D. in the Carpathian Basin? New Data– New Approaches". Budapest, 8.–9. 12. 2015.
- ROBAK, Z./KNOLL, M.: Rekonštrukcia súboru kovaní mečovej garnitúry zo Závady, okr. Topoľčany. Kolokvium: „CSTI 2015. Integrácia konzervačnej vedy a technológií do interdisciplinárnej ochrany materiálov a objektov dedičstva“. Bratislava, 7.–9. 10. 2015.
- RUTTKAY, A. T.: Vojenstvo Veľkej Moravy. Konferencia: Vedecké podujatie k medzinárodnej výstave Veľká Morava na Bratislavskom hrade. Bratislava, 1. 10. 2015.
- RUTTKAY, M.: Letecké skenovanie vybratých území Slovenska. Medzinárodná konferencia Bojná. 14. 9. 2015.
- RUTTKAY, M./BEDNÁR, P./ŠIMKOVIC, M./SMETANOVÁ, P./FOTTOVÁ, E./ŽAÁR, O./ DAŇOVÁ, K./CHEBENOVÁ, P./BIELICH, M.: Newest archaeological research on Nitra Castle. Medzinárodná konferencia Castrum Bene XIV (Burg und Land/Castle und Landscape), Stará Lesná, 26.–30. 5. 2015.
- RUTTKAY, M./FOTTOVÁ, E.: Konzervátorské-reštaurátorské laboratóriá na Archeologickom ústave SAV v Nitre. Medzinárodná vedecká konferencia „Integrácia konzervačnej vedy a technológií do interdisciplinárnej ochrany materiálov a objektov dedičstva“, SNM Bratislava 7.–9. 10. 2015.
- RUTTKAY, M./CHEBEN, I./BEDNÁR, P./ KOVÁR, B.: Positives and Negatives of Archaeological Research in the Slovak Republic. Referát. 16th EAC Heritage Management Symposium: When Valletta meets Faro. The reality of European archaeology in the 21st century. Lisabon Portugalsko, 18.– 22. 3. 2015.
- RUTTKAY, M./PALKOVIČOVÁ, I./SCHOLZOVÁ, E.: Reštaurovanie a konzervácia kovových predmetov v reštaurátorských laboratóriách Archeologického ústavu SAV Nitra. Medzinárodná konferencia „Integrácia konzervačnej vedy a technológií do interdisciplinárnej ochrany materiálov a objektov dedičstva“, SNM Bratislava, 7.–9. 10. 2015.
- RUTTKAY, M./SCHOLZOVÁ, E./VANEKOVÁ, J.: Reštaurovanie a konzervovanie nekovových predmetov v reštaurátorských laboratóriách Archeologického ústavu SAV Nitra. Medzinárodná konferencia „Integrácia konzervačnej vedy a technológií do interdisciplinárnej ochrany materiálov a objektov dedičstva“, SNM Bratislava, 7.–9. 10. 2015.
- RUTTKAYOVÁ, J./RUTTKAY, M./BIELICH, M.: Vrcholnostredoveké sídlisko na polohe Mikov dvor II pri Nitre. Konferencia: 47. mezinárodní konference archeologie středověku: „Archeologie sociální a kulturní identity ve středověku“. Cheb, 14.–18. 9. 2015.
- SAMUEL, M.: Zaniknutá protiturecká pevnosť vo Vrábľoch (prehľad doterajších poznatkov a nový pokus o jej lokalizáciu). Konferencia: Kolaps očami slovenských archeológov. Nitra, 5.–6. 11. 2015.
- SOJÁK, M.: Záchranný výskum v jaskyni Chyža pri Poráči. In: Otázky neolitu a eneolitu našich krajín 2015. Všeradice, 14.–16. 9. 2015.
- NOVOTNÁ, M./SOJÁK, M.: Koštianska skupina a jej kultúrna-genetické väzby s mierzanowickou kultúrou. In: Stan i potrzeby badań archeologicznych w Karpatach–medzinárodná vedecká konferencia Krosno–Muzeum Podkarpacie w Krośnie, 19.–20. 11. 2015.
- STEGMANN-RAJTÁR, S.: Zu den hallstattzeitlichen Höhensiedlungen der Südwestslowakei und zur Frage des kulturellen Wandels von der Späthallstatt- zur Frühlatenezeit. Medzinárodná konferencia „Die frühe Eisenzeit in Mitteleuropa“, Univerzita, Hradec Králové/Česko, 1.–4. 7. 2015.
- ŠTOLCOVÁ, T.: Ergebnisse der Analysen und Ausstellungsmöglichkeiten von Textilien und Leder. Projekt DFG Treffen – Projekt Poprad, Schleswig, 2. – 3. 12. 2015.
- ŠVIHUROVÁ, M./BOTH, M.: Archeologické nálezy z doby laténskej a rímskej v zbierkach SNM v Martine. Konferencia: Staň i potrzeby badań archeologicznych w Karpatach 2015, Krosno, 19.–20. 11. 2015.
- VANGLOVÁ, T.: Frühmittelalterliche Keramik aus dem Burgwall Bojná I–Valy. Konferencia How long is the 9th century A. D. the Carpathian Basin?: New Data–New Approaches–Budapest, 8.–9. 12. 2015.
- VOJTEČEK, M.: Malé Šance a Valy v Čiernom (Príspevok k poznaniu pevnostného systému Jablunkovského priesmyku). 47. mezinárodní konference archeologie středověku Archaeologia historica. Cheb, 14.–18. 9. 2015.
- VOJTEČEK, M./NEMERGUT, A./GÁBOR, P.: Dokumentácia zaniknutých reliktov kultúrnej krajiny na Kysuciach. 47. mezinárodní konference archeologie středověku Archaeologia historica. Cheb, 14.–18. 9. 2015.
- WILCZYŃSKI, J./HORVÁTHOVÁ, E./ZASTAWNY, A.: Hodowla oraz łowiectwo w kulturze

badeňskej na obszarze poľnocno-východnej Słowacji–wyniki najnowszych badań archeozoologicznych/Chov a lov v badenskej kultúre na príklade juhovýchodného Slovenska–výsledky najnovších archeozoologických analýz. Projekt NCN 2013/09/B/HS3/03401. XXXIV. Medzinárodná konferencia “Otázky neolitu a eneolitu Čech, Moravy a Slovenska”. Všeradice , okr. Beroun, Zámecký dvůr, 14.–16. 9. 2015.

ZÁBOJNÍK, J.: Zur Problematik der sekundären Eingriffen in die Gräber aus der Zeit des awarischen Khaganats in der Slowakei. Konferencia: „Chronology and Typology. Hadák Útján XXV“. Komárno, 19.–22. 10. 2015.

ZASTAWNY, A./HORVÁTHOVÁ, E.: Polsko–słowacki projekt badań nad kulturą badeńską strefy przykarpackiej/Projekt poľsko–slovenského výskumu badenskej kultúry na oboch stranách Karpát. Projekt NCN 2013/09/B/HS3/03401. Stan i potrzeby badań archeologicznych w Karpatach. Krosno, 19.–20. 11. 2015. Mikulov, ČR, 8.–11. 6. 2015, Medzinárodná konferencia Peníze v proměnách času X./Geld im Wandel der Zeit.

2.3.12. List of researchers who served as members of the organising and/or programme committees

Bátora, J.: DAI – German Archaeological Institute Berlín (Position: Member of Correspondent)

Bednár, P.: Castrum Bene (Position: Coordinator for SR)
Deutschen Burgenvereinigung e.V (Position: Member)

Beljak, J.: EAA and EAC Working Group on farming, forestry and rural land management (Position: Member)
European Association of Archaeologists (Position: Member)

Benediková, L.: Society for Arabian Studies (Position: Member)

Bielichová, Z.: International Council for Archaeozoology (Position: Member)

Březinová, G.: Instrumentum (Position: Representative for Slovakia)

Čurný, M.: International Brick Collectors Association, USA (Position: Member)

Furmánek, V.: DAI – German Archaeological Institute Berlín (Position: Member of Correspondent)

Hromadová, B.: ICAZ Worked Bone Research Group (Position: Member)

Cheben, I.: Commission UISPP on flint mining in pre- and protohistoric times (Position: Member)

Cheben, M.: Flint mining in pre- and protohistoric time, UISPP pri UNESCO (Position: Member)

Kaminská, L.: UISPP, Commission VIII. (Position: Member)

Kuzma, I.: Aerial Archaeology Research Group - Edinburgh – UK (Position: Member)
International society for Archaeological Prospection (ISAP) – Bradford, UK
(Position: Conference Vice-secretary)

Marková, K.: Committee on the Study of Amber pri UISPP (Position: Member)
European Association of Archaeology (Position: Member)

Nevizánsky, G.: Magyar Régész Szövetség, Budapest (Position: Member)

Pavúk, J.: Hungarian Archaeological and History of Art Society - Magyar régészeti és művészettörténeti társulat (Position: Member of Correspondent)
DAI – German Archaeological Institute Berlín (Position: Member of Correspondent)
Polska Akademia Umiejętności Kraków (Position: Member)

Permanent Council UISPP (UNESCO) (Position: Member)

Pieta, K.: Institute of Archaeology of Academy of Sciences ČR Brno (Position: Member of Scientific Board)

DAI – German Archaeological Institute Berlin (Position: Member of Correspondent)

European Association for the advancement of archaeology by experiment (EXAR), (Position: Member)

National Committee ICOMOS (Position: Member)

North European Symposium of Archaeological Textiles (NESAT) (Position: Member)

Österreichisches Archäologisches Institut Wien (Position: Member)

Archaeological Institute of Monument Protection Brno (Position: Councilor)

Rajtár, J.: DAI – German Archaeological Institute Berlin (Position: Member of Correspondent)

Robak, Z.: European Association of Archaeologists (Position: Member)

Ruttkay, A.T.: Castrum Bene (funkcia: člen)

Centre of basic research at the Centre of Medieval studies Czech Academy of Sciences and Charles University Prague and Institute of Christian Art KTF UK Praha (Position: Board member Opponent)

DAI – German Archaeological Institute Berlin (Position: Member of Correspondent)

European Academy of Sciences and Arts (Position: Member)

International Slavic Union, Commission for Slavonic Archaeology (Position: Member)

UISPP pri UNESCO (Position: Member of CP)

Ruttkay, M.: AAR - American Academy in Rome - Society of fellows (Position: Member)

DAI – German Archaeological Institute Berlin (Position: Member of Correspondent)

EAC - Europae Archaeologiae Consilium (Position: 2008-2015 Board member)

RURALIA (Position: Coordinator for Slovakia)

European Cultural Route of Saints Cyril and Methodius (Position: Member of the Scientific Committee)

Soják, M.: National Numismatic Committee SR (Position: Member)

Stegmann-Rajtár, S.: Arbeitsgemeinschaft AG EISENZEIT (Position: Member)

DAI – German Archaeological Institute Berlin (Position: Member of Correspondent)

Šalkovský, P.: Gesellschaft für Archäologie des Mittelalters und der Neuzeit (Position: Member)

International Slavic Committee – Commission for Archaeology (Position: Chairmen)

Štolcová, T.: European Textile Production and Consumption in the Pre-Industrial Era (Position: Member of the Preparatory Committee ESF)

Friends of Archaeological Textiles Newsletter (Position: Member)

NESAT - North European Symposium for Archaeological Textiles (Position: Member)

Tirpák, J.: International Society Archaeological Prospektion (Position: Member)

Vladár, J.: Conseil Permanent UISPP (Position: Member)

DAI – German Archaeological Institute Berlin (Position: Member)

International Etudes Indo-Européens et Thraces (Position: Member)

Slovak National Committee Balkan (Position: Member)

Position of individual researchers in a national context

2.3.13. List of invited/keynote presentations at national conferences, as documented by programme or invitation letter

2012

- BÁTORA, J. - FURHOLT, M. – RASSMANN, K. – TÓTH, P.: Detection survey of the neolithic settlement in Vráble-Veľké Lehemby. Scientific seminar of SAS. Nitra, 17-18 April 2012.
- BEDNÁR, P.-CHEBEN, M.: Nový Tekov – investigation of a polycultural settlement. Scientific seminar of SAS. Nitra, 17-18 April 2012.
- FECKO, P. – SOJÁK, M.: First season of investigation at the castle in Kamenica (Sabinov district) in 2012. Meeting of archaeologists of eastern Slovakia. Kežmarok, 21 November 2012.
- FURMÁNEK, V.: 50 years of investigation of urnfields in Slovakia. Scientific seminar of SAS. Nitra, 17-18 April 2012.
- HANULIAK, M.: Disappearing pre-Christian ideas at the turn of the early and high Middle Ages. Colloquium: Beginnings of Christianity in the central Danube region. Nitra, 6 July 2012.
- HORVÁTHOVÁ, E.: A short contribution to the absolute chronology of the Baden culture in the Slovak territory of the northern Tisza region. 21st Meeting of archaeologists of eastern Slovakia. Kežmarok, 21 November 2012.
- HREHA, R.-BEDNÁR, P.: Investigation at the castle in Vinné. 21st Meeting of archaeologists of eastern Slovakia. Kežmarok, 21 November 2012.
- HUNKA, J.: Treasure of coins from Želiezovce. Scientific seminar of SAS. Nitra, 17-18 April 2012.
- CHEBEN, I.-CHEBEN, M.: Michal nad Žitavou – investigation of a neolithic settlement. Scientific seminar of SAS. Nitra, 17-18 April 2012.
- JAKAB, J.: Fractures of human bones from peri-mortal period in the archaeological finds of the IA of SAS. Scientific seminar of SAS. Nitra, 17-18 April 2012.
- JAKAB, J.: Fractures of human bones in archaeological finds. Hlohovec – Days of anthropology. 17-19 September 2012.
- JAKUBČINOVÁ, M.: Equipment of a rider and his horse in the 9th century with regard to the finds from Bojná. Doctoral colloquium of the IA SAS. Nitra, 22 May 2012.
- JAKUBČINOVÁ, M.: Rider and his horse in the 9th century on the basis of finds from Slovakia. 2nd Doctoral colloquium of departments of archaeology of Slovak universities and the IA of SAS. Nitra, 22 May 2012.
- KAMINSKÁ, Ľ.: Technological and typological analysis of chipped stone industry. Lecture for internal and external PhD students of the IA SAS within the project Centre for research of the oldest history of the central Danube region. Operational programme of the EU Research and Development. 23 May 2012.
- KAMINSKÁ, Ľ.: Gravettian culture in Slovakia. Lecture for internal and external PhD students of the IA SAS within the project Centre for research of the oldest history of the central Danube region. Operational programme of the EU Research and Development. 8 November 2012.
- KUČEROVÁ, M.-SOJÁK, M.-FECKO, P.-KUŠNIEROVÁ, A.: First early Slavic finds from Spiš. Lecture at the Annual meeting of the Spiš Historical Society. Levoča, 17 March 2012.
- MITÁŠ, V.-FURMÁNEK, V.: Results of the investigation of the Kyjatice culture burial grounds in Cinobaňa. Days of Anton Točík. Nitra, 18 April 2012.
- ÖLVECKY, R.: Contribution: Roman power impact in the central Danubian barbaricum in the times of Marcomannic wars. 2nd Doctoral colloquium of departments of archaeology of Slovak universities and the IA SAS. DA TU Trnava, 24 April 2012.
- PIETA, K.-HRITZ, Š.: Reconstruction of the fortification in Hainburg. Days of Anton Točík, 18 April 2012.
- POMFYOVÁ, B.-SAMUEL, M.-ŽAŽOVÁ, H.: New finds of architectonic elements from Bíňa. Colloquium Beginnings of Christianity in the central Danube region. Nitra, 6 July 2012.
- RAJTÁR, J.: Protection and presentation of the Raetsky limit in Bavaria. Scientific seminar of the SAS. Nitra, 17-18 April 2012.
- RAJTÁR, J.: The column of Marcus Aurelius and documents of Roman campaigns against the Quadi. Colloquium The column of Marcus Aurelius and the central Danube region. AM SNM Bratislava, 26 September 2012.
- RUTTKAY, A. T.: Reflection of Christianity in material finds in Slovakia from the 8th-11th centuries. Colloquium Beginnings of Christianity in the central Danube region. Nitra, 6 July 2012.

RUTTKAY, M.-HENNING, J.-PIETA, K.-BEDNÁR, P.-BIELICH, M.-DAŇOVÁ, K.-ELGYUT, J.-JAKUBČINOVÁ, M.-VANGĽOVÁ, T.-GABULOVÁ, M.-POLÁKOVÁ, Z.: New knowledge from investigation of early medieval hillforts (castles) in Slovakia. Days of Anton Točík. 18 April, 2012.

SOJÁK, M.: Falsification of coins in the Middle Ages and Modern History in the territory of eastern Slovakia. In: Mining and coin production in the history of Slovakia. Banská Štiavnica, 26 October 2012.

SOJÁK, M.: Archaeological perspective of Silická ľadnica. Speleo-meeting of the Slovak Speleological Society. Svit, 14 April 2012.

VANGĽOVÁ, T.: Early medieval pottery from the centre of power in Bojná. Doctoral colloquium of the IA SAS in Nitra. 22 May 2012.

VANGĽOVÁ, T.: Early medieval pottery from the centre of power in Bojná. Doctoral colloquium of the IA SAS in Nitra. 8 November 2012.

2013

BÁTORA, J.-TÓTH, P.: Results of the systematic investigations of fortified settlements from the early Bronze Age in Rybník, Santovka and Vráble in 2012. Days of Anton Točík, Nitra. 9 April 2012.

BEDNÁR, P.-BELJAK, J.-BIELICH, M.-FECKO, P.-FOTTOVÁ, E.-GÁBOR, P.-HLAVÁČOVÁ, S.-HREHA, R.-MALČEK, R.-TITTONOVÁ, V.-PAŽINOVÁ, N.-RUSNÁK, R.-RUTTKAY, M.-SOJÁK, M.-STRAKOVÁ, L.-ŽAAR, O.: Archaeological investigation of castles in Slovakia in 2012. Days of Anton Točík, Nitra 9 April 2013.

BŘEZINOVÁ, G.: Archaeological finds. Radošina from the oldest history to this day. Radošina 30 November 2013.

BŘEZINOVÁ, G.-SAMUEL, M.: Investigations in Nitra, Mostná ulica. Open Day of the Institute of Archaeology of SAS. Nitra, 12 November 2013.

BŘEZINOVÁ, G.: The Celts and Nitra. Open Day of the Institute of Archaeology. Nitra, 12 November 2013.

BŘEZINOVÁ, G.: Investigations in Nitra-Chrenová: Shell and BauMax. Open Day of the Institute of Archaeology. Nitra, 12 November 2013.

FUSEK, G.: On the possibilities of archaeology in solving the ethnical questions of settlement in the 10th-11th centuries in the territory of Nitra. Seminar: Church of St George in Kostol'any pod Tribečom and its background. Kostol'anská dolina valley in the 9th-11th centuries. Nitra, 13 September 2013.

HREHA, R.: 60 years of the IA of SAS's branch in Košice. 22nd Meeting of archaeologists of eastern Slovakia. Košice, 23 October 2013.

HRITZ, Š.-JAKUBČINOVÁ, M.: Museum of Great Moravia and presentation of the old Slavic architecture in Bojná. Days of Anton Točík. Nitra, 9 April 2013.

NEMERGUT, A.: The cave of Čertova pec. In: Radošina from the oldest history to this day. Radošina, 30 November 2013.

OLEXA, L.-NOVÁČEK, T.: Košice in the coordinates of European history. The Bronze Age in the Košice Basin and important archaeological sites. Košice, 19-20 September 2013.

OLEXA, L.-RÁKOŠ, J.: Knowing the history of Slovakia – sources, methods and knowledge. Archaeological investigation at the Church of St Nicolas in Nižná Myšľa. Prešov, 25-26 September 2013.

ÖLVECKY, R.-RAJTÁR, J.: Rescue research in Sekule. Days of Anton Točík. Nitra, 9 April 2013.

PIETA, K.: On some discoveries at Devín. Seminar The castle of Devín 1913-2013. A hundred years of archaeological investigation. Bratislava, 5 December 2013.

PIETA, K.: Discovery of the prince tomb in Poprad and the current state of its investigation /Die Entdeckung des Fürstengrabes von Poprad und gegenwärtiger Stand seiner Erforschung. Das Fürstengrab von Poprad. Poprad, 17 July 2013.

RUTTKAY, A. T.: Zobor and its surroundings in the ancient history in the light of archaeological finds. Seminar: Society of Friends of Historical Nitra. Nitra, 1 February 2013.

RUTTKAY, A. T.: Medieval knight orders in Hungary. Nitra, IA SAS, 6 June 2013.

RUTTKAY, A. T.: Cooperation of an archaeologist and a restorer in investigating old architectures. Nitra, IA SAS, 7 June 2013.

RUTTKAY, A. T.: Court residences of the elites in the west European written documents and comparisons with the knowledge in the central Danube region. Nitra, IA SAS, 28 November 2013.

RUTTKAY, A. T.: Inscriptions and signs on weapons from the 9th-17th centuries – technology, symbolism and magical elements. Nitra, IA SAS, 29 November 2013.

TÓTH, P.: Results of the archaeological and paleoecological investigation at the lower Hron and Žitava regions. Days of Anton Točík. Nitra, 9 April 2013.

SAMUEL, M.: Presentation of results of project APVV-0266-07 Pre-Romanesque and Romanesque art in Slovakia. Days of Anton Točík. Nitra, 9 April 2013.

SOJÁK, M.: Caves of the Čierna hora geomorphological unit – perspective of investigations from the aspect of archaeology. Speleo-meeting of the Slovak Speleological Society. Svit, 13 April 2013.

VELIAČIK, L.: Spiral arm and leg jewels from the Bronze Age in Slovakia. Scientific seminar of SAS – plenary lecture. Nitra, 10 April 2013.

2014

BEDNÁR, P.: The Cyrillo-Methodian route in the Nitra region. Conference: Development of the Cyrillo-Methodian route in the territory of the Nitra region. Nitra, 11 December 2014.

BEDNÁR, P.: Investigation of the castle in Lietava in 2007-2010. Lietava castle conference. Lietava, 20 June 2014.

BEDNÁR, P.-PORADA, L.: Investigation, renovation and revitalization of the castle of Košice. Colloquium devoted to presentation of the projects supported in the programme of the Ministry of Culture of SR – Let's renew our house. Zvolen, 27 February 2014.

BELJAK, J.-BELJAK PAŽINOVÁ, N.-ŠIMKOVIC, M.: Archaeological investigation and monument restoration at Pustý hrad (Deserted castle) in Zvolen in 2013 (subprogramme 1.4). Colloquium devoted to presentation of projects supported in the programme of the Ministry of Culture of SR Let's renew our house. Zvolen, 27 February 2014.

BELJAK, J.-BELJAK PAŽINOVÁ, N.-ŠIMKOVIC, M.: The castle of Dobrá Niva – archaeological and architectonical-historical investigation in 2013. Colloquium devoted to presentation of projects supported in the programme of the Ministry of Culture of SR Let's renew our house. Zvolen, 27 February 2014.

BELJAK, J. – HOLEŠČÁK, M.- ŠIMKOVIC, M.: The castle of Modrý Kameň – renovation and conservation of torsal architecture – stage 1 (subprogramme 1.4) – archaeological investigation. Colloquium devoted to presentation of projects supported in the programme of the Ministry of Culture of SR Let's renew our house. Zvolen, 27 February 2014.

BIELICH, M. – VOZÁK, Z.: Finds of pipes from Šaľa. Workshop – pipes. Nitra, 21 March 2014.

BIELICH, M.: Archaeological investigation of the castle of Lietava in 2012-2014. Lietava castle conference. Lietava, 20 June 2014.

BIELICH, M.-VLASZATÁ, K.: Archaeological sites in the residential area of the village of Lietava. Lietava castle conference. Lietava, 20 June 2014.

BIELICH, M.: Finds of pipes from the castle of Lietava. Lietava castle conference. Lietava, 20 June 2014.

BIELICH, M.-ELGYÜTT, J.: Investigation of the castle of Gýmeš in 2013-2014. Conference: The castle of Gýmeš from history to this day. Gýmeš, 5 October 2014.

BISTÁKOVÁ, A.: Society in the late Stone Age. Expert seminar on the occasion of the Young Scientist Under 35 awards. SAS, Košice, 12 June 2014.

ČURNÝ, M. – MITÁŠ, V. – ŽÁČIK, M.: Pipes from the Tribečské Museum in Topoľčany. Work seminar: Pipe as an object of historical and archaeological investigation. Nitra, 21 March 2014.

ČURNÝ, M. – ŠIMČÍK, P.: Finds of pipes from the investigation activities of the Triglav Archaeological Society. Pipe as an object of historical and archaeological investigation. Work seminar, IA SAS. Nitra, 21 March 2014.

ČURNÝ, M. – FECKO, P. – KARABINOS, A.: Finds of pipes from the territory of Šariš and historical documents of their production. Pipe as an object of historical and archaeological investigation. Work seminar, IA SAS. Nitra, 21 March 2014.

ČURNÝ, M. – NAGY, P.: Pipe-making workshop at the Spiš castle. Pipe as an object of historical and archaeological investigation. Work seminar, IA SAS. Nitra, 21 March 2014.

DAŇOVÁ, K.: Settlement structure in the early Bronze Age in the southwest of Slovakia. Seminar for the Support Fund of Štefan Schwarz. Bratislava, 15 October 2014.

ELGYÜTT, J.: Foreigners and locals in the territory north of the central Danube in the 1st millennium AD. Doctoral colloquium of the IA of SAS. Nitra, 22-23 May 2014.

ELGYÜTT, J.: Foreigners and locals in the territory north of the central Danube in the 1st millennium AD. Doctoral colloquium of the IA of SAS. Nitra, 6-7 November 2014.

FOTTOVÁ, E.: Presentation of results of chemical laboratories. Days of Anton Točík. IA SAS, Nitra, 9 April 2014.

FOTTOVÁ, E. – KUČERÁKOVÁ, K.: Archaeological investigations in Divín in 2013. Congress of Slovak archaeologists 2014 and scientific seminar, IA SAS. Nitra, 8 April 2014.

FOTTOVÁ, E. – KUČERÁKOVÁ, K.: The castle of Divín – archaeological investigation in 2013 (subprogramme 1.4). Conference: Colloquium devoted to presentation of projects supported in the programme of the Ministry of Culture of SR Let's renew our house. Zvolen, 27 February 2014.

FOTTOVÁ, E. – KUČERÁKOVÁ, K. – ŠIMKOVIC, M.: Archaeological investigation of the Roman Catholic Church of All Saints in Divín. Congress of Slovak archaeologists 2014 and scientific seminar, IA SAS. Nitra, 8 April 2014.

FURMÁNEK, V. – MITÁŠ, V.: What were the Celts doing in Cinobaňa? Days of Anton Točík, IA SAS. Nitra, 9 April 2014.

FURMÁNEK, V. – TÓTH, P.: Analysis of decoration of the bronze axe-hammer from Petrova Ves. Days of Anton Točík, IA SAS. Nitra, 9 April 2014.

GAČKOVÁ, L.-HREHA, R.: The Middle Ages in Michalovce. Expert seminar Michalovce before the first written notice. Zemplínske múzeum in Michalovce, 3 October 2014.

HARČAR, P.-ČURNÝ, M.: Archaeological finds of pipes from the castle of Zborov. Pipe as an object of historical and archaeological investigation. Work seminar, IA SAS. Nitra, 21 March 2014.

HORVÁTHOVÁ, E. – ZASTAWNY, A.: Transcarpathian social-cultural situation of the Baden culture population in the upper Vistula region and in the Slovak territory of the northern Tisza region in 3300-2900 BC (information on the Polish-Slovak investigation project). Days of Anton Točík, IA SAS. Nitra, 9 April 2014.

HORVÁTHOVÁ, E. – ZASTAWNY, A.: A new Polish-Slovak investigation project 2014-2016. 23rd Meeting of archaeologists of eastern Slovakia. Trebišov, 16 October 2014.

HORVÁTHOVÁ, E. – HREHA, R.: Hrčel'-Nad Baňou, documentation of damage to an upland settlement. 23rd Meeting of archaeologists of eastern Slovakia. Trebišov, 16 October 2014.

HREHA, R.: Investigation of development of the Neolithic in the east of Slovakia, mainly of the Bükk culture and contemporary neolithic cultures and their mutual relations in the upper Tisza region (approx. 5100-4800 BC). Seminar for the Support Fund of Štefan Schwarz. Bratislava, 15 October 2014.

HREHA, R. – GAČKOVÁ, L.: Neolithic settlement in Michalovce. Expert seminar Michalovce before the first written notice. Zemplínske múzeum. Michalovce, 3 October 2014.

HUNKA, J.: Importance of the coin finds from the castle of Lietava. Conference: Lietava castle conference. Lietava, 20 June 2014.

HUNKA, J.: The false early medieval Byzantine solidus from Chotín. Congress of Slovak Archaeologists 2014 and expert seminar, IA SAS. Nitra, 8 April 2014.

HUNKA, J.: Coins of the Árpád dynasty from 1000-1301. Their contribution to the development of economy in the early Middle Ages in Slovakia. Seminar: Days of Anton Točík. Nitra, 9 April 2014.

HUNKA, J.: Important coins from Spiš. Seminar: Banking and numismatics in Spiš. Svit, 12 June 2014.

HUNKA, J.: Interesting finds of coins from Bratislava-mesto (14th-18th centuries). Conference: 80th anniversary of organized numismatics in Bratislava. Bratislava, 29 November 2014.

JAKAB, J.: Fractures of human teeth in archaeological finds. Days of anthropology. Vlastivedné múzeum, Hlohovec, 17-19 September 2014.

JAKAB, J.-KOLENČÍK, M.: Solid deposits on human bones from the neolithic burial ground in Svodín. Days of anthropology. Vlastivedné múzeum, Hlohovec, 17-19 September 2014.

KOVÁR, B. – ČAMBAL, R. – HANUŠ, M. – JELÍNEK, P.: Celtic settlement in Podhradie-Vydrica. Conference: Bratislava castle – history, investigation and renovation. Bratislava, 22-23 September 2014.

LOYDL, A. – BELJAK, J. – MORDOVIN, M. – ŠIMKOVIC, M.: Čabrad' – Archaeological survey of selected parts in 2013 and measuring of the feature (subprogramme 1.1). Colloquium devoted to presentation of projects supported in the programme of the Ministry of Culture of SR Let's renew our house. Zvolen, 27 February 2014.

MITÁŠ, V.: Unknown finds of ceramic pipes from the known archaeological sites in Slovakia. Work seminar: Pipe as an object of historical and archaeological investigation. Nitra, 21 March 2014.

MIROŠŠAYOVÁ, E.: An international Polish-Slovak project Archaeological heritage of regions, a chance to develop tourism. Lecture – Celtic house. Vlastivedné múzeum, Hanušovce nad Topľou, 8 October 2014.

MIROŠŠAYOVÁ, E.: Lecture: Settlement in the territory of Michalovce in the Iron Age. Seminar: Michalovce before the first written notice. Zemplínske múzeum, Michalovce, 3 October 2014.

NEVIZÁNSKY, G.: Burial ground of the old Hungarian elite of the 10th century in Streda nad Bodrogom. 23rd Meeting of archaeologists from eastern Slovakia. Trebišov, 16 October 2014.

PIETA, K.: The Prince tomb from Poprad – seminar and exhibition. Congress of Slovak archaeologists and scientific seminar. IA SAS, Nitra, 8 April 2014.

SAMUEL, M. – MAJERČÍKOVÁ, D. – FURMAN, M.: Results of the revision archaeological investigation of the extinct medieval church in Radoľa-Koscelisko. Congress of Slovak archaeologists 2014 and scientific seminar. IA SAS, Nitra, 8 April 2014.

SOJÁK, M. – MIHÁL', F.: Archaeological perspective of the caves near Kojšov and Ružín. Speleo-meeting of the Slovak Speleological Society, Svit, 12 April 2014.

SOJÁK, M.: Current state of research of coin activities in Spiš. Lecture at the conference of the Spiš Historical Society Banking and numismatics in Spiš. Svit, 12 June 2014.

SOJÁK, M.: Important speleo-archaeological discoveries in the last decade. Days of Anton Točík, IA SAS. Nitra, 9 April 2014.

SOJÁK, M.: Terrain activities of the IA SAS's branch in Spišská Nová Ves in 2014. In: 23rd Meeting of archaeologists of eastern Slovakia. Trebišov, 16 October 2014.

VOZÁK, K - BIELICH, M.: Archaeozoological finds from the castle of Lietava. Lietava castle conference. Lietava, 20 June 2014.

2015

BÁTORA, J.: Investigation of the fortified settlement and burial ground from the early Bronze Age in Vrábce. Days of Anton Točík. Nitra, 13 May 2015.

BÁTORA, J./TÓTH, P.: On the topic of fortifications of the early Bronze Age in the central Danube region. Congress of the Slovak Archaeological Society. Nitra, 16 April 2015.

BEDNÁR, P.: Castles from the 10th-13th centuries in the territory of Slovakia. Lecture at the doctoral colloquium. IA SAS, Nitra, 20-21 May 2015.

BEDNÁR, P.: Reconstruction of castles in the 15th-16th centuries on the examples of the castles in Vinné and Budatín. Lecture at the doctoral colloquium. IA SAS, Nitra, 12-13 November 2015.

BEDNÁR, P./DEBNÁR, P./KUBIŠOVÁ, L.: Geomagnetic measuring of stoves at the castle of Nitra. Lecture for Erbe Symposium in Banská Štiavnica. 15-20 June 2015.

BELJAK, J.: Methodology of archaeological investigation at castles. Colloquium Methods and documentation of archaeological investigation (organized by MB SR). Stredoslovenské múzeum in Banská Bystrica, 3 December 2015.

BOBEK, P.: Imports of pottery of the central Danubian tumulus culture in the environment of the Carpathian tumulus culture. 5th Doctoral colloquium, Phil. F TU, Trnava, 22 April 2015.

BŘEZINOVÁ, G.: Settlements from the LaTène period in Slovakia. Doctoral colloquium, Nitra, 12-13 November 2014.

BŘEZINOVÁ, G.: The state of investigation of the LaTène period in Slovakia. Doctoral colloquium, Nitra, 20-21 May 2015.

FOTTOVÁ, E./SMETANOVÁ, P.: Hontianska Vrbica, the Church of St Martin. Lecture. Congress of the Slovak Archaeological Society 2015.

GÁBOR, P.: Cultural development of the Želiezovce group in the Trnavská tabuľa on the basis of the investigation in Blatné. Lecture on the doctoral colloquium. IA SAS, Nitra, 20-21 May 2015.

GÁBOR, P.: Cultural development of the Želiezovce group in the Trnavská tabuľa on the basis of the investigation in Blatné. Lecture on the doctoral colloquium. IA SAS, Nitra, 12-13 November 2015.

HORVÁTHOVÁ, E./ZASTAWNY, A.: New information on the latest settlement of the Baden culture in eastern Slovakia. Project NCN 2013/09/B/HS3/03401. 24th Meeting of archaeologist of eastern Slovakia. Hanušovce nad Topľou, 22 October 2014.

HROMADOVÁ, B.: Experiment in technological analysis. Seminar: Experimental archaeology. CFU Nitra, 31 March 2015.

HROMADOVÁ, B.: Artifacts from hard organic materials in the archaeology of Prehistory. Seminar: The Stone and Bronze ages in Europe. PhilF CU Bratislava, 16 December 2015.

HUNKA, J.: Coins from the castle of Uhrovec. Seminar: Congress of the SAS 2015. Nitra, 15 April 2015.

HUNKA, J.: Treasure of coins from Trebatice. Conference: 20th anniversary of NBS MMM in Kremnica. Nitra, 18 September 2015.

HUNKA, J.: The scientific work of PhDr. Eva Kolníková, DrSc. Conference: Numismatics in the cultural history of Nitra. Nitra, 24 October 2015.

HUNKA, J.: Finds of coins from Nitra and their importance. Conference: Numismatics in the cultural history of Nitra. Nitra, 24 October 2015.

JAKUBČINOVÁ, M.: Early medieval snaffle bits from Bojná. Hadak újtán – 25th Conference of investigators of the early Middle Ages. Komárno, 19-22 October 2015.

CHEBEN, I./CHEBEN, M.: Archaeological investigations in Čierne Kľačany and Vráble. Lecture. Days of Anton Točík. Nitra, 13 May 2015.

CHEBEN, I.: Burial ground of the Lusatian culture in Trenčín. Lecture at the doctoral colloquium, IA SAS. Nitra, 20-21 May 2015.

CHEBEN, I.: Settlement and burial ground of the Únětice culture in Pata. Lecture at the doctoral colloquium, IA SAS. Nitra, 12-13 November 2015.

CHEBENOVÁ, P.: Settlement features from the late Bronze Age and early Hallstatt period in Čierne Kľačany. Colloquium on the Lusatian culture in honour of the lifework of Dr. Ladislav Veliačik, DrSc. Martin, 21-22 May 2015.

KOVÁR, B.: What is collapse? Lecture: Collapse seen by Slovak archaeologists. Nitra, 5-6 November 2015.

KOVÁR, B.: The end of the Celtic settlement in southern Slovakia and northern Hungary. Lecture. Collapse seen by Slovak archaeologists. Nitra, 5-6 November 2015.

KUJOVSKÝ, R.: Development of the Lusatian culture in Slovakia. Lecture at the doctoral colloquium, IA SAS. Nitra, 21 May 2015.

MELO, M.: Settlement of the Kosiň-Čaka-Makó culture in Slovakia. Lecture at the doctoral colloquium, IA SAS. Nitra, 12-13 November 2015.

MIROŠŠAYOVÁ, E.: The topic of occurrence of Lusatian culture monuments in eastern Slovakia. Colloquium on the Lusatian culture in honour of the lifework of Dr. Ladislav Veliačik, DrSc. Martin, 21-22 May 2015.

MIROŠŠAYOVÁ, E.: Shaping settlement enclaves along the routes of roads. 24th Meeting of archaeologists of eastern Slovakia. Hanušovce nad Topľou, 22 October 2015.

MITÁŠ, V./POLÁKOVÁ, Z.: Ceramic pipes from the archaeological sites in Gemer-Malohont and Novohrad. 3rd conference History of pipe-making and archaeological finds of pipes in Slovakia. Levice, 10-11 September 2015.

ORAVKINOVÁ, D./HROMADOVÁ, B.: Life at Myšia Hôrka. Applying methods of technological analysis on the example of selected materials from Spišský Štvrtok and its contribution to the knowledge of the Bronze Age society. Seminar: Current questions of the prehistory and Roman era. PhilF CU, Bratislava, 16 December 2015.

OŽĎÁNI, O.: New information on the topic of the Čaka culture in southwestern Slovakia. Lecture at the doctoral colloquium, IA SAS. Nitra, 25 May 2015.

OŽĎÁNI, O.: On the topic of depots from the Bronze Age in Slovakia. Lecture at the doctoral colloquium, IA SAS. Nitra, 13 November 2015.

PIETA, K.: Depots and cultic places of the LaTène period in Slovakia. Lecture at the doctoral colloquium, IA SAS. Nitra, 13 November 2015.

PIETA, K.: Extinction of the Púchov culture hillforts. Lecture at the doctoral colloquium, IA SAS. Nitra, 20 May 2015.

PIETA, K./BENEDIKOVÁ, L.: The Lusatian hillfort with LaTène settlement in Soblahov. Presentation. Colloquium on the topic of the Lusatian culture in honour of the lifework of Dr. Ladislav Veliačik, DrSc. Martin, 21-22 May 2015.

RAJTÁR, J.: Archaeological documents of Marcomannic wars north of the central Danube region. Lecture at the doctoral colloquium, IA SAS. Nitra, 12 November 2015.

RUTTKAY, A. T.: On the genesis and dating of the oldest rotundas in the central Danube region. Conference: The anniversary of Ss Constantine and Methodius's arrival. Nitra, 2 July 2015.

RUTTKAY, M.: Conference St Methodius and the christianizing Byzantine mission. Nitra, 3 July 2015.

RUTTKAY, M.: Aerial scanning of selected areas of Slovakia for the purposes of research of landscape and cultural heritage. Lecture at the doctoral colloquium. Nitra, 12 November 2015.

RUTTKAY, M.: Solving projects of the SF EU at the Institute of Archaeology of SAS. Congress of the Slovak Archaeological Society. Nitra, 15 March 2015.

RUTTKAY, M.: Centre for research of the oldest history of the central Danube region. The best of the best – Best practices OP RaD, Bratislava, 23-24 November 2015.

RUTTKAY, M.: Potential in the use of archaeological monuments of Nitra in tourism. Causes and solutions in (non-) tourism. Nitra, 29 September 2015.

ROBAK, Z.: Study over belt fittings of the pre-caroline type in the 8th-10th centuries. Days of Anton Točík 2015. Nitra, 13 May 2015.

SOJÁK, M.: The phenomenon of the Jánovce-Machalovce site in the context of new numismatic finds from the LaTène period. In: Symposium Numismatic investigation and Nitra. CFU Nitra, 17 October 2015.

SOJÁK, M.: The need for revising archaeological investigations of some caves. Speleo-meeting of the SSS. Svit, 28 March 2015.

STEGMANN-RAJTÁROVÁ, S.: Development of the early Iron Age in southwestern Slovakia. Lecture at the doctoral colloquium, IA SAS. Nitra. 13 November 2015.

VOJTEČEK, M./NEMERGUT, A./BIELICH, M.: Finds of one-piece clay pipes from Malé Šance in Čierne, Čadca district (17th-18th centuries). 3rd conference History of pipe-making and archaeological finds of pipes in Slovakia. Levice, 10-11 September 2015.

VARSÍK, V.: Cífer-Pác. The latest knowledge of the important site from the Roman era. Congress of Slovak archaeologists 2015. Nitra, 15-16 April 2015.

ZÁBOJNÍK, J.: The Avars and the Avar khaganate in central Europe. Lecture at the doctoral colloquium, IA SAS. Nitra, 21 May 2015.

ZÁBOJNÍK, J.: Cultural-ethnical metamorphoses of the Great Migration Period in Slovakia. Lecture at the doctoral colloquium, IA SAS. Nitra, 12 November 2015.

2.3.14. List of researchers who served as members of organising and programme committees of national conferences

Prof. PhDr. Jozef Bátora, DrSc.
Conference: Doctoral colloquium 2012, 2013, 2014.

PhDr. Ján Beljak, PhD.
Conference: Let's renovate our house 2014.

Mgr. Mário Bielich, PhD.
Conference: Pipe as an object of archaeological and historical research 2014.

PhDr. Alena Bistáková, PhD.
Conference: Scientific seminar and congress Slovak Archaeological Society 2012, 2013, 2014.

Mgr. Marián Čurný, PhD.
Conference: Meeting of Archaeologists from East Slovakia 2013.

PhDr. Klaudia Daňová, PhD.
Conference: Dni Antona Točíka 2012, 2013, 2014, 2015.
Scientific seminar and congress Slovak Archaeological Society 2012-2015.

PhDr. Milan Hanuliak, DrSc.
Conference: Doctoral colloquium 2015.

PhDr. Eva Horváthová, PhD.
Conference: Meeting of Archaeologists from East Slovakia 2013.

Mgr. Rastislav Hreha, PhD.
Conference: Meeting of Archaeologists from East Slovakia 2013.

PhDr. Ján Hunka, CSc.
Conference: Coin finds as a historical source 2013.

PhDr. Elena Miroššayová, CSc.
Conference: Annual meetings of Archaeologists from East Slovakia 2012-2015.

doc. PhDr. Matej Ruttkay, CSc.
Conference: Doctoral colloquium 2012, 2013, 2014, 2015.

PhDr. Elena Miroššayová, CSc.

Conference: Scientific seminar and congress Slovak Archaeological Society 2012, 2013, 2014, 2015.

Discussion Meeting on Application of Law 49/2002, 2013.

PhDr. Karol Pieta, CSc.

Conference: Discussion Meeting on Application of Law 49/2002, 2013.

PhDr. Susanne Stegmann-Rajtárová, CSc.

Conference: Scientific seminar and congress Slovak Archaeological Society 2012, 2013, 2014, 2015.

Membership in important national institutions

Most employees are members of Slovak Archaeological Society SAS

PhDr. Alena Bistáková, PhD.

Member of the Board of Slovak Archaeological Society SAS 2011 – 2015

Doc. PhDr. Gertrúda Březinová, CSc.

Scientific secretary of Society of Anton Točík

PhDr. Elena Miroššayová, CSc.

President of the Slovak Archaeological Society 2008 – 2015

Mgr. Marián Čurný, PhD.

President of Society Laterarius

PhDr. Klaudia Daňová, PhD.

Member of the Board of Slovak Archaeological Society 2008 – 2015

Mgr. Rastislav Hreha, PhD.

Member of the Board of Slovak Archaeological Society 2011 – 2018

PhDr. Ján Hunka, CSc.

President of the National Committee of numismatic

Member of the Scientific college of General Director of the Slovak National Museum in Bratislava

Member of the Board of Slovak Archaeological Society SAS 2008 – 2015

PhDr. Vladimír Mitáš, PhD.

Member of the Board of Slovak Archaeological Society 2015–2018

PhDr. Ladislav Olexa

President COLLEGIUM MYSSLE

PhDr. Ján Rajtár, CSc.

Chairman of the Board of the Society of Anton Točík

PhDr. Susanne Stegmann-Rajtár

Member of the Board of Slovak Archaeological Society 2008 – 2015

RNDr. Július Jakab, CSc.

Head of branch office in Nitra of Slovak anthropological Society

Prof., PhDr. Jozef Vladár, DrSc.

Member of the Board in Slovak association of Writers

- **Supplementary information and/or comments documenting the international and national status of the Institute**

In course of its almost 80-year-long existence, the Institute of Archaeology gradually became a respected scientific institution with a very good reputation. In the domestic environment, it is reflected in its predominant position in the field of basic as well as applied research and in its quality.

Its national position is reflected in its collaborators' participation in various distinguished scientific boards and committees. Currently, it has four representatives, including the president, in the Archaeological Board at the Ministry of Culture of SR, one member of the Monuments Board at the

Ministry of Culture of SR, a member of the National Consulting Panel Cultural Heritage in the Context of Global Changes at the Ministry of Education, Science, Research and Sport of SR.

As ordered by Act 49/2002, the Institute administers and manages the Central Evidence of Archaeological Sites of Slovakia, which is fundamental for taking decisions in building projects procedures and also for scientific activities in the field of spatial archaeology.

Our representation in scientific boards of distinguished universities is remarkable – Scientific Board of Comenius University in Bratislava, Scientific Board of Constantine the Philosopher University in Nitra, SB of Faculty of Arts of Constantine the Philosopher University in Nitra, Scientific Board of Faculty of Arts of Comenius University in Bratislava, Scientific Board of Faculty of Arts of Trnava University in Trnava, Scientific Board of the Slovak Historical Institute in Rome.

Besides membership in various grant schemes, our employee is currently the President of the Council for the Humanities at APVV (main national grant agency) and another one is the President of the Council for Historical Sciences VEGA (grant agency). Collaborators of the Institute are regularly invited as arbiters in expert and public discussions regarding history, archaeology and protection of cultural heritage. In cooperation with two universities, the Institute provides doctoral studies in the field of archaeology. Many of our researchers teach at the universities home and abroad. We are also members of editorial boards of the most respected Slovak and foreign periodicals.

International status of the Institution highlights the number of foreign scientists who visited Archaeological Institute between 2012 and 2015. For the purpose of studying the Institution attended by a total of 250 scientists from different Archaeological Institutions of Europe.

Engagement of collaborators of the Institute of Archaeology SAS in Slovakia and abroad is visible in the number of national as well as international awards.

2012: 20 National awards (selection):

Beljak Ján

Young scientist under 35

Awarder: Slovak Academy of Sciences

Description: 1st prize in the competition of young workers of SAS

Beljak Ján

Prize of the President of the Slovak Republic

Awarder: President of the Slovak Republic

Description: for the investigation of the settlement development in central Slovakia with focus on the Roman period

Bednár Peter

Prize of the journal Pamiatky a múzeá (Monuments and Museums) for activities at rescue of the castle of Lietava

Awarder: Pamiatky a múzeá journal

Pieta Karol

The Pribina Cross Second Class

Awarder: President of the Slovak Republic

Pieta Karol

Scientist of the year of the Slovak Republic 2011

Awarder: Journaliste-Studion – Committee for the competition

Description: Acknowledgement for life-work in SR 2011

2012: 2 international awards

Furmánek Václav

Commemorative medal on the 90th anniversary of Institute of Archaeology of the Czech Academy of Sciences

Awarder: The Institute of Archaeology of CAS in Prague

Pieta Karol

Vocational Service Leadership Award

Awarder: President of Rotary International

2013: 14 national awards (selection):

Beljak Ján

Award of the Banská Bystrica Self-governing Region for 2013

Awarder: Banská Bystrica Self-governing Region

Description: For remarkable results in scientific activity within archaeological investigation of the oldest settlements and medieval castles of the Banská Bystrica self-governing region, engagement in practical education of students

Furmánek Václav

Doctor honoris causa

Awarder: Scientific Board of the University of SS Cyril and Methodius in Trnava

Ruttkay Matej

Commemorative medal on the 20th anniversary of the Philosophical Faculty of CFU in Nitra

Awarder: Philosophical Faculty of CFU

Description: Medal awarded to the Institute of Archaeology of SAS

Vladár Jozef

Great Medal of Samuel Mikovíni for lifelong work in the field of science and technology

Awarder: Ministry of Education, Science, Research and Sport of SR

Description: For outstanding contribution to the development of Slovak archaeology in the field of scientific investigation and organization of science in Slovakia; for considerable presentation of Slovak archaeology abroad

Vladár Jozef

Commemorative medal on the 20th anniversary of the Philosophical Faculty of CFU in Nitra

Awarder: Philosophical Faculty of CFU

2014: 17 national awards (selection):

Bistáková Alena

Young Scientist Under 35 – 3rd place

Awarder: SAS

Furmánek Václav

1st place in the competition Premium prize for exceptional scientific response to one work

Awarder: Literary Fund, Section for scientific and specialized literature

Pieta Karol

1st place in the competition Premium prize for scientific response in three years

Awarder: Literary Fund, Section for scientific and specialized literature

Pieta Karol

Premium prize for the lifelong contribution to the development of Slovak science

Awarder: Literary Fund

Pieta Karol

Annual award of the Pamiatky a múzeá (Monuments and Museums) journal in the category Exhibitions

Awarder: Editorial board of the review for cultural heritage Pamiatky a múzeá together with its editors – Slovak National Museum and Monuments Board of the Slovak Republic

Description: For the exhibition Prince Tomb from Poprad – conservation 2008-2012 with emphasis on exceptional value and quality restoration of exhibits with regard to the events accompanying the presentation of the find

Veliačik Ladislav

1st prize in the competition Premium prize for exceptional scientific response to one work

Awarder: Literary Fund, Section for scientific and specialized literature

Vladár Jozef

Letter of appreciation for extraordinary contribution to Slovak literature and presentation of Nitra – publication Almanach Nitra 2013

Awarder: town of Nitra

Vladár Jozef

1st prize – Premium prize for exceptional scientific response to one work

Awarder: Literary Fund, Section for scientific and specialized literature

2014: international awards – 4

Furmánek Václav

Gold medal of Masaryk University in Brno for an outstanding graduate of MU

Awarder: Masaryk University in Brno

Olexa Ladislav

Bene meritis imo pectore

Award: Muzeum Podkarpackie in Krosno, Poland

Description: medal for a long-term cooperation

Pieta Karol

National council for Culture, Arts and Letters, State of Kuwait, Certificate for active participation in the seminar Kuwait through the Ages, 3-7 March 2014

Awarder: National Council for Culture, Arts and Letters, State of Kuwait

Ruttkay Matej

National council for Culture, Arts and Letters, State of Kuwait

Awarder: National Council for Culture, Arts and Letters, State of Kuwait

Description: Certificate for active participation in the seminar Kuwait through the Ages, 3-7 March 2014

2015: 12 national awards (selected):

Peter Bednár, Karol Pieta, Matej Ruttkay and Jaroslava Ruttkayová

Prize of SAS for popularization of science

Awarder: Presidency of SAS

Description: Prize awarded to the authors of exhibitions: Saints Cyril and Methodius – Patrons of Europe and SS Cyril and Methodius – The oldest evidence of Christianity in Slovakia

Furmánek Václav

Commemorative letter

Awarder: Novohradské múzeum a galéria (Novohrad Museum and Gallery) in Lučenec

Description: For cooperation on the 60th anniversary of Novohradské múzeum

Ruttkey Alexander T.
Prize of the Nitra Self-governing Region for 2014
Awardee: Nitra Self-governing Region

Hreha Rastislav
Letter of Appreciation to the IA SAS – Department for research of eastern Slovakia in Košice
Awardee: Krajské múzeum (Regional Museum) in Prešov
Description: For long-term active cooperation in discovering and presentation of archaeological monuments of Eastern Slovakia

Hreha Rastislav
Letter of Appreciation to the IA SAS, branch in Košice
Awardee: Vlastivedné múzeum in Hanušovce nad Topľou
Description: For long-term cooperation and support, on the 40th anniversary of its origin

Miroššayová Elena
Letter of Appreciation
Awardee: Vlastivedné múzeum in Hanušovce nad Topľou
Description: Vlastivedné múzeum in Hanušovce nad Topľou awards a Letter of Appreciation to PhDr. Elena Miroššayová, CSc. for long-term cooperation and support. Hanušovce nad Topľou, 26 November 2015

The Institute of Archaeology and its employees are members of international institutions such as ICOM, ICOMOS, RURALIA, NESAT, UISPP. Representation of scientists from the Institute in foreign and international research institutions, committees and societies is considerable. Several workers are corresponding members of the German Archaeological Institute, one is a member of the Austrian Archaeological Institute, in 2009-2015, M. Ruttkey was member of the committee of the European Archaeological Council (its meetings took place in Slovakia in 2014 and 2016). Numerous workers are members of EAA – European Association of Archaeologists and many others.

International status of the Institute is emphasized, besides the numerous above mentioned data, by the participation of its workers in selection, evaluation and accreditation committees abroad – Funding scheme OPUS/National Science Center, Poland, Horizon 2020 – MSCA-IF – Research Executive Agency European Commission, Brussels, - Individual Report.

Membership of the Institute's researches in foreign and national editorial boards of journals and monograph series is also a kind of appreciation.

Foreign editorial boards of journals and monograph series

Prof. PhDr. Jozef Bátora, DrSc.
Geochronometria, Poland (member)
Mgr. Mário Bielich, PhD.
Acta musealia, Czech Republic (member of editorial board)
Dr. h. c. Prof. PhDr. Václav Furmánek, DrSc.
Das Altertum; Germany (member)
Památky archeologické, Czech Republic (member)
Přehled výzkumů, Czech Republic (member)
PhDr. Ivan Cheben, CSc.
Interdisciplinaria Archaeologica – Natural Sciences in Archaeology, Czech Republic (member)
doc. PhDr. Ľubomíra Kaminská, CSc.
Praehistoria, Hungary (UISPP at UNESCO) (member)
doc. PhDr. Juraj Pavúk, DrSc.
Archaeologia Opuscula, Croatia (member)
Prehistorie Europeéne, Belgium (member)

PhDr. Karol Pieta, DrSc.
 Acta Archaeologica Austriaca, Austria (member)
 Acta Archaeologica Carpathica, Poland (member)
 Carnuntum Jahrbuch, Austria (member)
 Rekonstrukce a experiment v archeologii, Czech Republic (member)

PhDr. Ján Rajtár, CSc.
 Carnuntum Jahrbuch, Austria (member)

prof. PhDr. Alexander T. Ruttkay, DrSc.
 Archaeologia Historica, Czech Republic(member)
 Praehistoria, Hungary (UISPP at UNESCO) (member)
 Prilozi Instituta za arheologiju, Croatia (member)

doc. PhDr. Matej Ruttkay, CSc.
 Archaeologia historica, Czech Republic (member of editorial board – since July 2015)
 Archäologie Österreich, Austria (member)
 Studien zur Archäologie Europas - Habelt (member)

doc. PhDr. Vladimír Varsík, CSc.
 Studia Archaeologica Suebica, Czech Republic (member)

PhDr. Ladislav Veliačik, DrSc.
 Přehled výzkumu Archeologický ústav AV ČR Brno, Czech Republic (member)

National editorial boards of journals and monograph series

Prof. PhDr. Jozef Bátora, DrSc.
 Musaica (member)

Mgr. Lucia Benediková, PhD.
 Študijné zvesti Archeologického ústavu SAV (member)

PhDr. Alena Bistáková, PhD.
 Študijné zvesti Archeologického ústavu SAV (member)
 Informátor SAS (member)

Doc. PhDr. Gertrúda Brezinová, CSc.
 Študijné zvesti Archeologického ústavu SAV (member)
 Zborník SNM – Archeológia (member)

Mgr. Marián Čurný, PhD.
 Archeologia Technica (member)

PhDr. Klaudia Daňová, PhD.
 AVANS (member)

PhDr. Eva Fottová
 Študijné zvesti Archeologického ústavu SAV (member)

Dr. h. c. Prof. PhDr. Václav Furmánek, DrSc.
 Slovenská archeológia (member)
 Zborník Gemer-Malohont (member)

PhDr. Gabriel Fusek, CSc.
 Slovenská archeológia (member)

PhDr. Eva Horváthová, PhD.
 Východoslovenský pravek (member)
 Informátor SAS (member)

Mgr. Rastislav Hreha, PhD.
 Východoslovenský pravek (member)

PhDr. Ján Hunka, CSc.
 Zborník SNM – História (member)

PhDr. Ivan Cheben, CSc.
 AVANS (member)
 Študijné zvesti Archeologického ústavu SAV (member)
 Slovenská archeológia (member)

Doc. PhDr. Ľubomíra Kaminská, CSc.
 Východoslovenský pravek (member)

PhDr. Elena Miroššayová, CSc.
 Slovenská archeológia (member)
 Východoslovenský pravek (member)

PhDr. Ján Rajtár, CSc.
 Študijné zvesti Archeologického ústavu SAV (member)
 Slovenská archeológia (member)

Prof. PhDr. Alexander Ruttkay, DrSc.
 Slovenská archeológia (member)

Doc. PhDr. Matej Ruttkay, CSc.
 Slovenská archeológia (member)
 Zborník SNM – Archeológia (member)

PhDr. Marián Soják, PhD.
 Slovenský kras (member)
 Z minulosti Spiša (member)

PhDr. Ladislav Veliačik, DrSc.
 Slovenská archeológia (member)
 Zborník SNM – Archeológia (member)

Prof. Jozef Vladár, DrSc.
 Konštantínove listy (member)
 Almanach Nitra (member)
 Kontexty kultúry a turizmu (member)

Mgr. Marek Vojteček, PhD.
 AVANS (member)

Doc. PhDr. Jozef Zábojník, CSc.
 Študijné zvesti Archeologického ústavu SAV (member)

2.4. Tables of project structure, research grants and other funding resources

International projects and funding

2.4.1. Major projects within the European Research Area and other important project – Framework Programmes of the EU, ERA-NET, European Science Foundation, NATO, COST, INTAS, etc. (here and in items below please specify: type of project, title, grant number, duration, total funding and funding for the institute, responsible person in the institute and his/her status in the project, e.g. coordinator “C”, work package leader “W”, investigator “I”),

	Project title	Typ / Project number	Duration in months	Funding for the Institute (EUR)	Role of the Institute / Responsible person
2012	Archeolandscape Europe	Culture 2000; 2010 - 1486/001-001	15.9.2010-14.9.2015	122 000	Partner Institution; Elena Blažová/Branislav Kovár
	COSCH - Colour and Space in Cultural Heritage	COST; oc-2011-2-10516	1.1.2012-31.12.2015	12 000	Partner Institution; Matej Ruttkay
	European castles as centres of cultural exchange in the Middle Ages	Culture 2000; 513570-CU-1-2011-1-DE-CULTURE-VOL121	1.5.2011-30.9.2012	13 000	Partner Institution; Matej Ruttkay
	Dating and structure of Early Medieval hill forts in Slovakia.		1.1.2004-31.12.2014	10 000	Partner Institution; Matej Ruttkay
2013	Archeolandscape Europe	Culture 2000; 2010 - 1486/001-001	15.9.2010-14.9.2015	122 000	Partner Institution; Elena Blažová/Branislav Kovár
	COSCH - Colour and Space in Cultural Heritage	COST; oc-2011-2-10516	1.1.2012-31.12.2015	12 000	Partner Institution; Matej Ruttkay
	Dating and structure of Early Medieval hill forts in Slovakia.		1.1.2004-31.12.2014	10 000	Partner Institution; Matej Ruttkay
2014	Archeolandscape Europe	Culture 2000; 2010 - 1486/001-001	15.9.2010-14.9.2015	122 000	Partner Institution; Elena Blažová/Branislav Kovár
	COSCH - Colour and Space in Cultural Heritage	COST; oc-2011-2-10516	1.1.2012-31.12.2015	12 000	Partner Institution; Matej Ruttkay
	Dating and structure of Early Medieval hill forts in Slovakia.		1.1.2004-31.12.2014		
2015	Archeolandscape Europe	Culture 2000; 2010 - 1486/001-001	15.9.2010-14.9.2015	122 000	Partner Institution; Elena Blažová/Branislav Kovár
	COSCH - Colour and Space in Cultural Heritage	COST; oc-2011-2-10516	1.1.2012-31.12.2015	12 000	Partner Institution; Matej Ruttkay
	The Diseases of Early Bronze Age populations in Nitra Valley - an example of the research of the prehistoric life conditions in Central Europe		1.1.2015-31.12.2015	1960	Partner Institution; Jozef Bátora

2.4.2. Other international projects, incl. total funding and funding for the institute

Project title: The Ancient Hungarians and Germany

Responsible person: Matej Ruttkay

Project duration: 1.1.2008 / 31.12.2013

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic - Institute of Archaeology SAS /Germany – Römisch-Germanisches Zentralmuseum Mainz

Total budget: 12 000 €

Project title: Chieftain grave from Poprad-Matejovce

Responsible person: Karol Pieta

Project duration: 1.9.2010 / 31.5.2015

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic - Institute of Archaeology SAS /Germany –
Stiftung Schleswig-Holsteinsische Landesmuseen Schleswig

Total budget: 280 000 €

Project title: Research of Roman field camps in Barbaricum north of the middle Danube in Slovakia/Untersuchung römischer Marsch- und Feldlager im Barbaricum nördlich der mittleren Donau in der Slowakei

Responsible person: Ján Rajtár

Project duration: 8.4.2008 / 31.12.2015

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany –
Römisch-Germanische Kommission des DAI, Frankfurt

Total budget: 6000 €

Project title: Stráže - rich tombs from the Roman period

Responsible person: Matej Ruttkay

Project duration: 1.1.2006 / 31.12.2013

Coordinator: Römisch-Germanisches Zentralmuseum Mainz

Number of co-solving institutions: Slovak Republic - Institute of Archaeology SAS/Germany -
Römisch-Germanisches Zentralmuseum Mainz

Total budget: 28 000 €

Project title: Fidvár near Vrábľe - a settlement at the intersection of the old European Metallurgy provinces. Intercultural dynamics and environmental changes on a Landscape Ecological key region of eastern central Europe

Responsible person: Jozef Bátora

Project duration: 1.9.2011 / 31.8.2015

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany -
Römisch-Germanische Kommission des DAI, Frankfurt

Total budget: 112 000 €

Project title: Montane archaeological research in the Slovak Ore Mountains

Responsible person: Jozef Bátora

Project duration: 1.9.2012 / 31.12.2013

Evidenčné číslo projektu: STO 458/13

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany –
Deutschen Bergbau-Museum Bochum

Total budget: 48000 €

Project title: Research of Linear settlement Culture in Vrable, location Veľké

Lehemby/Feldforschung der linearbandkeramischen Siedlung in Vrábľe, Flur Veľké Lehemby

Responsible person: Ivan Cheben

Project duration: 1.8.2013 / 30.9.2013

Evidenčné číslo projektu: 26220120059

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany –
Deutschen Bergbau-Museum Bochum

Total budget: 4905 €

Project title: Investigation of provenance of (pre)historic cultural remains in the Slovak region by elemental and isotopic fingerprints
Responsible person: Matej Ruttkay
Project duration: 1.12.2013 / 31.12.2016
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: Slovak Republic/Austria – University of Natural Resources and Life Sciences Tulln
Total budget: 7500 €

Project title: Trans-Carpathian cultural relations of the Baden Culture from areas of the Lesser Poland and Eastern Slovakia (3300-2900 BC)
Responsible person: Eva Horváthová
Project duration: 1.3.2014/31.12.2016
Evidenčné číslo projektu:
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Poland – Archaeological Museum in Krakow
Total budget: Expenditure was paid Polish side

Project title: Agreement on archaeological research in the Mýtina Nova Ves Nitra region in 2014
Responsible person: Jozef Bátora
Project duration: 1.8.2014/31.8.2014
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany – Zentrum Anatomie Universitätsmedizin Göttingen
Total budget: 1655 €

Project title: Excavation – WW II – Concentration Camp – Sobibor
Responsible person: Ivan Cheben
Project duration: 18.11.2014/31.12.2015
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Poland – Fundacja Polsko-Niemieckie pojednanie, Warsaw
Total budget: 3336 €

Project title: The archaeological research of prehistoric Montane objects on mining in Špania Dolina
Responsible person: Ivan Cheben
Project duration: 1.1.2015/31.12.2016
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany - Deutschen Bergbau-Museum Bochum
Total budget: 14 500 €

Project title: Research Linear settlement Culture in Vráble, location Veľké Lehemby and Farské/
Feldforschung der linearbandkeramischen Siedlung in Vráble, Flur Veľké Lehemby und Farské
Responsible person: Ivan Cheben
Project duration: 1.1.2015/31.12.2016
Coordinator: Institute of Archaeology of Slovak Academy of Sciences
Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany - Institut für Frühgeschichte Christian Albrechts-Universität Kiel
Total budget: 16 200 €

Project title: Collaborative research agreement in the pilot project mapping and 3D modelling of Cultural Heritage in Albania
Responsible person: Matej Ruttkay
Project duration: 1.1.2015 / 31.12.2015
Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology/Albania-Archaeological Service Agency (ASHA)at Ministry of Culture (MTCYS)
Total budget: 563 €

Project title: Framework service contract - AMS 14C dating of archaeological samples Foundation of the A. Mickiewicz University

Responsible person: Matej Ruttkay

Project duration: 1.10.2015/31.12.2018

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Poland - Poznan Radiocarbon Laboratory, Foundation of the A. Mickiewicz University

Total budget: 16 000 €

2.4.3. Other important, international projects and collaborations without direct funding (max. 10 projects)

Project title Archaeology of Poland and Slovakia from late antiquity to the High Middle Ages

Responsible person: Peter Šalkovský

Project duration: 1.8.2013 / 31.12.2015

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic/Poland – Instytut archeologii PAN Warszawa, Krakow

Project title: Importance of benedictine rule in Middle Europe (Collaborative research agreement)

Responsible person: Peter Bednár

Trvanie projektu: 1.1.2009 / 31.12.2013

Coordinator: Archeologický ústav SAV

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS, Slovak National Museum/Czech Republic – Center for Medieval Studies Charles University Prague, Institute of Archaeology CAS, Prague

Project title: Collaborative research agreement with Österreichisches archäologisches Institut Wien

Responsible person: Kristián Elschek

Trvanie projektu: 1.1.2009/9.8.2019

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Austria - Österreichisches archäologisches Institut Wien

Project title: Life and death of Neolithic and Aeneolithic communities in middle Danube (Collaborative research agreement)

Responsible person: Ivan Cheben

Trvanie projektu: 1.12.2013 / 31.12.2015

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republik – Institute of Archaeology SAS/Hungary – Régészeti Intézet MTA, Budapest

Project title: Collaborative research agreement with – Institute fo Archaeology Czech Academy of Science, Praha

Responsible person: Matej Ruttkay

Trvanie projektu: 1.1.2014/31.12.2018

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Czech Republic - Institute of Archaeology CAS, Prague

Project title: Collaborative research agreement with - Institute of Archaeology Czech Academy of Science, Brno

Responsible person: Matej Ruttkay

Trvanie projektu: 1.1.2014/31.12.2018

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/ Czech Republic - Institute of Archaeology CAS, Brno

Project title: Collaborative research agreement with - Eötvös Loránt University Budapest, Hungary

Responsible person: Ján Beljak

Trvanie projektu: 1.7.2014/31.12.2018

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Hungary - Eötvös Loránt University Budapest

Project title: Collaborative research agreement with Europäisches Burgeninstitut Braubach

Responsible person: Peter Bednár

Trvanie projektu: 1.4.2015/31.12.2018

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Germany - Europäisches Burgeninstitut Braubach

Project title: Collaborative research agreement - Oxford Radiocarbon Acceleration Unit

Responsible person: Klaudia Daňová

Trvanie projektu: 1.9.2015/31.8.2020

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic – Institute of Archaeology SAS/Great Britain - Research Laboratory for Archaeology and the History of Art

Project title: Collaborative research agreement with Silesian University in Opava

Responsible person: Matej Ruttkay

Trvanie projektu: 1.3.2015/31.12.2018

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Number of co-solving institutions: Slovak Republic Institute of Archaeology SAS/ Czech Republic - Silesian University in Opava

- **National projects and their funding**

- 2.4.4. Projects supported by the Slovak Research and Development Agency (APVV)**

- Role of the Institute e.g. coordinator “C”, investigator “I”.

	Project title	Typ / Project number	Duration in months	Funding for the Institute (EUR)	Role of the Institute / Responsible person
2012	Early medieval centres of power (central Danubian region)	0553-10	1.5.2011-30.4.2014	248765	C/ Karol Pieta
	Contribution of Slovakia for Economic and Social Development of European Metal Age	0736-11	1.7.2012-30.6.2015	235039	C/Václav Furmánek
2013	Early medieval centres of power (central Danubian region)	0553-10	1.5.2011-30.4.2014	248765	C/ Karol Pieta
	Contribution of Slovakia for Economic and Social Development of European Metal Age	0736-11	1.7.2012-30.6.2015	235039	C/Václav Furmánek
2014	Early medieval centres of power (central Danubian region)	0553-10	1.5.2011-30.4.2014	248765	C/ Karol Pieta
	Contribution of Slovakia for Economic and Social Development of European Metal Age	0736-11	1.7.2012-30.6.2015	235039	C/Václav Furmánek
2015	Dynamics of the exploitation of silicate material resources during the Paleolithic and neolithic in the western Slovakia	14-0742	1.7.2015-30.6.2019	139394	C/Ivan Cheben
	Central Europe between the Celtic Oppida and the Ancient Slavic Centres of Power	14-0842	1.7.2015-30.6.2019	225076	C/ Karol Pieta
	Contribution of Slovakia for Economic and Social Development of European Metal Age	0736-11	1.7.2012-30.6.2015	235039	C/Václav Furmánek

2.4.5. Projects supported by the Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA) for each year, and their funding

VEGA	2012	2013	2014	2015
Number	15	16	19	20
Funding in the year (EUR)	0,146	0,158	0,139	0,168 ¹

i. Summary of funding from external resources

2.4.6. List of projects supported by EU Structural Funds

Project title: Centre for the Research into the Oldest history of the Middle Danube River Basin

Responsible person: Matej Ruttkay

Project duration: 28.10.2010 / 31.3.2015

Project registration number: 26220120059

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

International cooperation: Österreichisches Archäologisches Institut, Vienna; Institute of Archaeology CAS, Praha (CZ); Eötvös Lóránd University – Department of Archaeology, Budapest (HU); Institute of Archaeology CAS, Brno (CZ); Silesian University in Opava (CZ); Instytut

¹ Excluding projects for the popularisation of science

Archeologii Uniwersytetu Jagiellońskiego, Krakow (PL), Ústav archeologické památkové péče, Brno, Europäisches Burgeninstitut, Braubach.

Project title: Completion of the state-of-the-art workplace for research and development in the field of protection and rescue of the cultural heritage of Slovakia

Responsible person: Ivan Cheben

Project duration: 15.1.2014 / 30.6.2015

Project registration number: NFP 26210120123

Coordinator: Institute of Archaeology of Slovak Academy of Sciences

Project title: Preservation and revitalization of cultural and natural heritage and Supporting diversity in culture and art within the European cultural heritage

Responsible person: Matej Ruttkay

Project duration: 15.10.2014/29.2.2016

Project registration number: SKOS - CLT02004

Coordinator: Capital city SR Bratislava

Cooperating institutions: Institute of Archaeology SAS, Comenius University Bratislava – Faculty of Arts – Department of Archaeology, Faculty of Natural Sciences – Department of Engineering Geology, City monument board Bratislava.

2.4.7. Summary of external resources of the EU Structural Funds (ERDF/ESF)

Role of the Institute in the project, e.g. coordinator “C”, work package leader “W”, investigator “I”.

Year	Project title	Project number	Duration in months	Funding for the Institute (EUR)	Role of the Institute
2012	Centre for the Research into the Oldest history of the Middle Danube River Basin	26220120059	28.10.2010-31.3.2015	3 164 504,06	C
2013	Centre for the Research into the Oldest history of the Middle Danube River Basin	26220120059	28.10.2010-31.3.2015	3 164 504,06	C
2014	Centre for the Research into the Oldest history of the Middle Danube River Basin	26220120059	28.10.2010-31.3.2015	3 164 504,06	C
	Completion of the state-of-the-art workplace for research and development in the field of protection and rescue of the cultural heritage of Slovakia	NFP 26210120123	15.1.2014-30.6.2015	2 714 867, 42	C
	Preservation and revitalization of cultural and natural heritage and Supporting diversity in culture and art within the European cultural heritage	SKOS - CLT02004	15.10.2014-29.2.2016	399 729	C
2015	Centre for the Research into the Oldest history of the Middle Danube River Basin	26220120059	28.10.2010-31.3.2015	3 164 504,06	C
	Completion of the state-of-the-art workplace for research and development in the field of protection and rescue of the cultural heritage of Slovakia	NFP 26210120123	15.1.2014-30.6.2015	2 714 867,42	C
	Preservation and revitalization of cultural and natural heritage and Supporting diversity in culture and art within the European cultural heritage	SKOS - CLT02004	15.10.2014-29.2.2016	399 729	W

External resources	2012	2013	2014	2015	total	average
External resources (milions of EUR)	0,540	0,490	1,356	0,542	2,928	0,732
External resources transfered to cooperating research institute (milions of EUR)					0,000	

- **Supplementary information and/or comments on research projects and funding sources**

In the monitored period, the Institute of Archaeology invested a lot of effort in approving projects enabling the solvers to focus on the scientific research activity and projects which ment an important change in the infrastructural equipment of the Institute. Another positive is the increase in sufficiently financed systematic researches (usually carried out in cooperation with foreign research institutes) – the burial ground and fortified settlement from the Early Bronze Age in Vráble, early medieval hillforts, princely tomb in Poprad, etc.

The increase in the number of projects with the Slovak grant agency APVV is also positive and means a significant change compared with the previous periods. As for the grant projects of VEGA agency of the Ministry of Education of SR and SAS, the volume has also increased. Two projects from the Structural Funds of EU and the Research and Development Programme are something completely new and absolutely rare in the field of humanities. Several projects in all schemes were ranked among excellently solved projects by agencies.

If we maintain the same level of productivity in projects, it will bring greater independence of project teams from gradually reduced state support and also freedom of investigation and higher quality of results. Nevertheless, it would be more appropriate if the relevant agencies prepared longer support programmes (today, most of them last for 3-4 years). Currently, the Institute is preparing projects within H2020. In the future, we will attempt to gain an ERC project. The negative aspect of the successes is the bureaucracy of the projects either in the phase of submitting or in the phase of solving. It exploits our scientific capacities without any benefit.

2.5. PhD studies and educational activities

2.5.1. List of accredited programmes of doctoral studies, period of validity

1. Constantine the Philosopher University in Nitra – Faculty of Arts 10. 11. 2011 (signed cooperation contract)
2. Comenius University in Bratislava – Faculty of Arts 30. 6. 2009 (signed cooperation contract)

2.5.2. Summary table on doctoral studies (number of internal/external PhD students; number of foreign PhD students, number of students who successfully completed their theses, number of PhD students who quit the programme)

PhD study	31.12.2012			31.12.2013			31.12.2014			31.12.2015		
Number of potential PhD supervisors	22			20			21			22		
PhD students	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted
Internal	11,0	0,0	0,0	15,0	0,0	0,0	14,0	4,0	1,0	16,0	2,0	0,0
External	9,0	0,0	2,0	9,0	0,0	0,0	10,0	0,0	0,0	9,0	1,0	0,0
Other supervised by the research employees of the institute	2,0			1,0		1,0	1,0			5,0		1,0

Foreign country PhD. students in Archaeological Institute:

Mgr. P. Smetanová – Czech Republic

Mgr. M. Vlach – Czech Republic

Mgr. A. Vrteřová – Czech Republic

During the reported period, the Archaeological Institute studied foreign students from universities:

MA. S. Reiter – University Aarhus, Denmark

Mgr. M. Langová – Charles University Praha, Czech Republic

MA K. Scheelen – University of Göttingen, Germany

RNDr. J. Nováček – University of Göttingen, Germany

MA. U. Weihmann – University of Göttingen, Germany

Mgr. T. Chmela – Charles University Praha, Czech Republic

Mgr. T. Nováček – Masaryk University Brno, Czech Republic

Mgr. Z. Robak – Jagiellonian University Krakow, Poland

Mgr. M. Adamus – Jagiellonian University Krakow, Poland

Mgr. P. Milo – J. W. Goethe University of Frankfurt, Germany

MA. E. Eyub – J. W. Goethe University of Frankfurt, Germany
A. Osztás – Archaeological Institute of the Hungarian Academy of Science, Hungary

Mgr. M. Polanská – University of Sorbon, France

PhD students of Archaeological Institute regularly use the opportunity to study abroad. In the period under review was attended by the following short (connected with consultaion) and long term stays:

Mgr. J. Elgyütt: 2012 – Austria; 2014 – Austria (2x), 2015 – Austria (2x), Poland

Mgr. M. Felcan: 2015 – Czech Republic, Poland,

PhDr. E. Fottová: 2013 – Czech Republic; 2014 – Czech Republic

Mgr. P. Horváth: 2013 – Czech Republic (2x); 2014 – Czech Republic, Austria; 2015 – Czech Republic, Italy

Mgr. M. Hošešák: 2014 – Hungary, Romania; 2015 – Romania

Mgr. M. Cheben: 2012 – Czech Republic, Austria; 2013 – Hungary, Poland, Czech Republic (2x); 2014 – Czech Republic (3x), Germany, Ireland; 2015 – Czech Republic (2x), Poland

Mgr. P. Chebenová: 2012 – Czech Republic; 2013 – Hungary, Germany; 2015 - Poland

Mgr. M. Jakubčinová: 2012 – Russia, Czech Republic 2x; 2013 – Czech Republic

Mgr. L. Kováčsová: 2015 – Austria
 Mgr. B. Kovár: 2015 – Germany
 Mgr. L. Luščíková: 2012 – Poland; 2014 – Romania
 Mgr. D. Marková: 2014 – Czech Republic
 Mgr. D. Oravkinová: 2015 – Czech Republic
 Mgr. R. Ŏlvecký: 2012 – Czech Republic, Hungary; 2014 – Czech Republic
 Mgr. Z. Poláková: 2013 – Poland; 2015 – Poland
 Mgr. Petra Smetanová: 2014 – Hungary, Austria, Poland
 Mgr. M. Švihurová: 2014 – Germany
 Mgr. P. Tóth: 2012 – Finland, Austria, Slovenia; 2013 – Czech Republic; 2014 – Austria, Czech Republic (2x)
 Mgr. B. Zajacová: 2012 – Romania; 2013 – Czech Republic; 2014 – Czech Republic; 2015 – Germany, Poland
 Mgr. T. Vangľová: 2012 – Czech Republic, Austria; 2013 – Czech Republic; 2014 – Poland
 Mgr. M. Vojteček: 2012 – Czech Republic (2x); 2013 – Poland; 2015 – Poland
 Mgr. A. Vrteľová: 2013 – Czech Republic; 2014 – Czech Republic

2.5.3. Summary table on educational activities

Teaching	2012	2013	2014	2015
Lectures (hours/year) ²	244	495	148	162
Practicum courses (hours/year) ²	2910	3378	4305	7903
Supervised bachelor theses (in total)				
Supervised diploma theses (in total)	20	9	8	6
Supervised PhD theses (in total)	21	24	35	27
Members in PhD committees (in total)	3	2	7	6
Members in DrSc. committees (in total)	2	1	1	1
Members in university/faculty councils (in total)	4	4	7	8
Members in habilitation/inauguration committees (in total)	1	2	2	3

2

2.5.4. List of published university textbooks

BELJAK, Ján - PAŽINOVÁ, Noémi. Tajomstvá archeológie : študijný materiál pre 1. ročník Univerzity Tretieho Veku na TU vo Zvolene. I. časť. Zvolen : Technická univerzita, 2013. 80 S. ISBN 978-80-228-2630-3.

² Do not include time spent with bachelor, diploma or PhD students during their supervising

2.5.5. Number of published academic course books 0

2.5.6. List of joint research laboratories/facilities with universities

University: Matej Bel University in Banská Bystrica (Slovakia)

Responsible person: I. Vlkolinská

Begning of cooperation: 2013

Type of cooperation: Mineralogical analysis of samples of pottery from Pobedim.

University: Comenius University in Bratislava

Responsible person: M. Ruttkay

Begning of cooperation: 2009

Type of cooperation: Basic research

University: Comenius University in Bratislava

Responsible person: P. Bednár

Begning of cooperation: 2009

Type of cooperation: Providing information for students (Library, Documentation department).

University: Comenius University in Bratislava

Responsible person: J. Beljak

Begning of cooperation: 2006

Type of cooperation: Teaching practical skills in the field of archaeological research in the Zvolen Castle.

University: Faculty of Natural Sciences – Constantine the Philosopher University in Nitra

Responsible person: M. Hanuliak

Begning of cooperation: 2012

Type of cooperation: Anthropological material processing (project VEGA 2/0034/11)

University: Faculty of Natural Sciences – Constantine the Philosopher University in Nitra

Responsible person: I. Vlkolinská

Begning of cooperation: 2012

Type of cooperation: Mathematical and statistical evaluation of the ceramics from the Pobedim.

University: Faculty of Natural Sciences – Constantine the Philosopher University in Nitra

Responsible person: I. Vlkolinská

Begning of cooperation: 2014

Type of cooperation: Mathematical and statistical evaluation of the ceramics from the Nitra-Lupka.

University: Constantine the Philosopher University in Nitra

Responsible person: M. Ruttkay

Beginning of cooperation: 2012

Type of cooperation: Basic research (awarding master's and doctoral theses), Processing of material from archaeological excavations

University: Constantine the Philosopher University in Nitra

Responsible person: P. Bednár

Begning of cooperation: 2008

Type of cooperation: Providing information for students (Library, Documentation department).

University: Constantine the Philosopher University in Nitra, Faculty of Natural Sciences

Responsible person: J. Rajtár

Begning of cooperation: 2015

Type of cooperation: Project VEGA 2/0150/2015

University: Constantine the Philosopher University in Nitra – Department of Archaeology
Responsible person: K. Pieta
Begning of cooperation: 2015
Type of cooperation: Cooperation in the processing of archaeological finds from the Bojná

University: University of Trnava, Department of Archaeology
Responsible person: J. Rajtár, V. Furmánek
Begning of cooperation: 2008
Type of cooperation: Project GP VEGA 1/0408/09 and Centre of Excellence 166/E/075/2009

University: University of Trnava, Department of Archaeology
Responsible person: J. Rajtár
Begning of cooperation: 2012
Type of cooperation: Project VEGA 1/0058/2012

University: University of Trnava
Responsible person: J. Rajtár
Begning of cooperation: 2015
Type of cooperation: Project VEGA 1/0346/2015

University: University of Trnava
Responsible person: G. Březinová
Begning of cooperation: 2014
Type of cooperation: Project VEGA 0045

University: Technical University in Zvolen
Responsible person: J. Beljak
Begning of cooperation: 2010
Type of cooperation: Project VEGA 1/0622/10

University: Masaryk University, Brno (Czech Republic)
Responsible person: P. Bednár
Begning of cooperation: 2010
Type of cooperation: Providing information for students (Library, Documentation department).

University: Masaryk University, Brno (Czech Republic)
Responsible person: J. Beljak, K. Pieta
Begning of cooperation: 2007
Type of cooperation: Teaching practical skills in the field of archaeological research in the Zvolen Castle and Bojná.

University: University of Hradec Králové (Czech Republic)
Responsible person: J. Beljak
Begning of cooperation: 2010
Type of cooperation: Teaching practical skills in the field of archaeological research in the Zvolen Castle.

University: Jagiellonian University of Cracow, Poland
Responsible person: K. Pieta
Begning of cooperation: 2007
Type of cooperation: Teaching practical skills in the field of archaeological research in Bojná.

University: Eötvös Loránt University Budapest, Magyarország
Responsible person: J. Beljak

Begning of cooperation: 2010

Type of cooperation: Teaching practical skills in the field of archaeological research in the Zvolen Castle.

University: J.-W.Goethe Universität Frankfurt am Main (Germany)

Responsible person: M. Ruttkay, P. Bednár

Begning of cooperation: 2009

Type of cooperation: Teaching practical skills in the field of archaeological research in Bíňa.

University: Institut für Frühgeschichte Christian Albrechts-Universität Kiel (Germany)

Responsible person: I. Cheben

Begning of cooperation: 2013

Type of cooperation: Collaboration on archaeological research in Vráblé – Velké Lehembý.

University: Universität für Bodenkultur UFT - Tulln, (Austria)

Responsible person: M. Ruttkay

Begning of cooperation: 2013

Type of cooperation: Cooperation of sampling for analysis of strontium, education of PhD. students.

- **Supplementary information and/or comments on doctoral studies and educational activities**

In accordance with valid legislation, the Institute of Archaeology of SAS has signed two agreements of cooperation on doctoral studies with Comenius University in Bratislava and Constantine the Philosopher University in Nitra. It actively uses scientific education with the first institution, since its four-year studies correspond with the requirements on education in the field of archaeology. Direct training with Constantine the Philosopher University starts when their rules of three-year studies change to four-year studies.

The Institute of Archaeology of SAS pays more attention to doctoral studies organized in the institute. To fulfill the programme successfully, which is documented by the increasing number of trainees, the institution has a wide range of approved advisers at its disposal.

To achieve higher quality in this activity, the Institute of Archaeology organizes at least one two-day colloquium per semester focused on inspection of activities of the internal and external PhD students. The colloquiums include lectures of advisers targeted at solving methodological and expert problems. Internal defences, preceeding the official defence process, intend to eliminate possible faults of doctoral theses before they are definitely submitted and contribute to a better quality of the theses. PhD students are also educated in the field of methodology and technique of terrain research and in possibilities of interdisciplinary cooperation.

The Institute of Archaeology of SAS increases the level of PhD students' education by means of provided language courses and trainings necessary for use of the latest documentation software and equipment so that the students can use the specialized technology and other laboratory equipment in their work.

All PhD students are part of research project teams and various types of grant projects. Results of their investigations are presented in preliminary outputs at national as well as international scientific events and in publications. The best published outputs are annually awarded in the Competition of young creative workers which is part of the celebration on the Days of Anton Točík in the mother institution. To enrich contacts between PhD students and renowned institutions abroad, there are research fellowships within MAD (International Academic Agreement) and others which are supported from the current grant projects.

The Institute of Archaeology is also a training institution in the field of terrain practice also for students from other university workplaces, too. Students of archaeology participate in field research, improve their documentation skills and become familiar with the procedure of processing of find funds. Besides terrain research, the Institute of Archaeology, as the administrator of the largest collection of archaeological finds in Slovakia, also provides study material which is processed and published in semestral, bachelor, diploma and disertation theses. In the reporting period studied material in the depository of the Archaeological Institute of 38 students from universities: Constantine the Philosopher University Nitra (SK), Comenius University Bratislava (SK), University in Trnava (SK), Masaryk University Brno (CZ), Palacky University Olomouc (CZ).

Every year, the Institute of Archaeology of SAS organizes summer schools of archaeology for domestic and foreign students of archaeology and related scientific disciplines. During the courses, students learn about the latest methods, equipment and techniques used at systematic terrain researches.

An opportunity to study publications in the Institute's library within internal regulations of the IA SAS is a great help for universities teaching archaeology or related scientific disciplines. Documents of the Institute of Archaeology are available according to various levels of the right to access.

Our workplace fully cooperates with universities all over Europe. Still, workplaces in Germany and our neighbouring countries are on the top of the list. Thanks to this cooperation, the number of requested expert lectures increases and closer contacts among the workplaces are established.

Workers of the Institute of Archaeology of SAS intensely participate in the education process in from of semestral lectures at departments of archaeology, history and museology. They are advisers, consultants and reviewers of bachelor, diploma and doctoral theses.

For all its employees, the Institute of Archaeology provides training in the latest programmes, technology and equipment purchased to improve the quality of work and present the results of investigations.

2.6. Social impact

2.6.1. List of the most important results of applied research projects. Max. 10 items

A positive social impact on the society demonstrates the amount of thanks letters and acknowledgments from mayors, institutions and individuals.

Museum of Great Moravia in Bojná

A new Museum of Great Moravia was founded in Bojná, where ancient-Slavic architecture is presented. The modern exposition over the area of 120 m² presents the most significant discoveries and finds from the systematic investigation of the Great Moravian centre including new finds and also plays the role of an information centre. Three modell reconstructions were built on the discovered foundations at the hillfort of Bojná I. Studied part of fortification and the eastern gate of the hillfort were adjusted as monuments. Visitors can see how people lived in the past. We can see increases of visitors every year.

Archaeo-park in Nitra

The cornerstone of the archaeo-park was placed in the area of former barracks below the hill of Zobor on 3 July 2015 during the city festival called *Nitra, milá Nitra* and its construction was started. The goal of this project is to build a large archaeological open-air museum where finds and reconstructions of historical features from various time horizons from prehistory to the Middle Ages will be presented. A so-called live archaeology will be performed in the archaeo-park, as well. The public will be able to experience work of archaeologists and various techniques of documentation.

So far, foundations of a Great Moravian church have been adopted as a monument and first residential and technical buildings of a Slavic settlement have been built.

Exhibition in the Vatican Museums

Exhibition in the Vatican Museums – *Saints Cyril and Methodius – Patron Saints of Europe: The Earliest Evidence of Christianity in Slovakia* (November 2013 – January 2014) literally means a breakthrough of Slovakia in the second most visited museum in the world. It introduced our unique finds in an international environment. The exhibition presented originals of finds of global importance from the Early Middle Ages which were related to christianization of Slovakia. It received very positive response in Slovakia as well as abroad. In the Vatican Museums, it was seen by more than 200,000 visitors and was awarded a prize by SAS for popularization of science.

Several exhibitions related to the celebration of the 1150th anniversary of St Constantine and Methodius's arrival to Great Moravia

A travelling exhibition called *Constantine and Methodius, Brothers Who Changed the World* (Bratislava – April 2013, Ljubljana, Slovenia – April-May, Helsinki, Finland – May-June, Croatia – September-October, Paris – UNESCO – France – October-November); The exhibition called *The Oldest Evidence of Christianity in the Territory of Slovakia* (July-August 2013, Nitra, St Emmeram's Cathedral) presented the greatest early Christian monuments and became an attraction for visitors. In its first days, they queued to enter it.

Expert cooperation on the film tetralogy *Cyril and Methodius* (produced by Three Brothers, Prague) and on the documentary *Mission from Thessaloniki* by RTVS. For the great interest the film is repeated periodically.

Publishing four popular science monographs from the regions of Ipeľ and Žitava valleys Dolný Zemplín and Spiš. These works aroused huge interest of the public. They present complex knowledge of the regions in an easily understandable way. A whole range of maps, aerial photos, photos, drawings and reconstructions explains the amount, potential and quality of the data collected during the era of archaeological investigation in Slovakia. Great interest in these publications have signified schools and municipalities.

Archaeological investigations within programmes of the Ministry of Culture *Let's renew our house* – the castles of Divín, Peťuša, Lietava, Čabrad', Gýmeš, Vinné, Šášov, Modrý Kameň and the churches and monasteries of Hronský Beňadik, Hontianska Vrbica and Maňa were investigated within the project. The above stated national cultural monuments had to be studied prior to their revitalization and restoration.

Experiment in archaeology

Cooperation with the Secondary art school in Kežmarok was targeted on studying original wood-processing techniques on the basis of the princely tomb from the Great Migration Period in Poprad. Creating replicas of specific artefacts was assigned as part of final exams. Several replicas were made within this cooperation. A model of a table as well as tools have been awarded in the national competition for secondary school students.

Employees of the Institute of Archaeology of SAS are engaged in the field of experimental archaeology which is presented to the public. In 2012-2015, some experiments were carried out:

Experimental burning of charcoal using traditional method was carried out in Pliešovce and iron ore smelting was tested as well. Other experiments in archaeology included production of medieval bows and arrows. We presented the production, function and use of bows and arrows to the public at multiple events during the year. In the archaeo-park in Bojná, experimental living in pit-houses in winter was tested. In the archeo-park in Liptovská Mara we made ceramic experiments. It is also important experiment in the production of weapons and items of daily use and traditional ways of food preparation.

IT workshop – Children's Comenius University on 17-18 August 2015 at Bratislava castle

Archaeologists showed children how new technology is used in archaeological research – from information systems, through apparatuses for detecting objects under ground, aerial prospection, all kinds of scanning – items, features, aerial scans, analysing devices, microscopes. Great

attention was focused on explanation of various dating methods, among which dendrochronology has made a huge progress thanks to the Institute's activities. Building of some hillforts can now be dated to the exact year, even the season. In the practical part, children were showed practical demonstrations of use of the devices and ICT and did a quiz. Results of 3D printing of archaeological finds and models as well as direct printing of tiny Great Moravian ornaments were the most interesting activities.

The essential activities of applied research include the European Researchers' Night and the Week of Science and Technology. The Institute of Archaeology of SAS keeps up with the process of modernization and digitization of archaeological finds and does not fall behind the top institutes in Europe. The European Researchers' Night and the Week of Science and Technology are ideal events to present this fact to the general as well as expert public. It is documented by the high number of 3D models and reconstructions of archaeological features like sacral architecture, castles, fortifications, residential buildings or precise copies of small items like jewels and parts of garment which increases every year. The visitors were allowed to try out restoration of original pottery vessels, drawing and painting on a Wacom graphic tablet used for digitization of drawings and plans of archaeological features. Our spectrometer revealed what metals were used to make jewels in the past. Positive response from the public to the presentation of science at the Institute of Archaeology of SAS is a great motivation and reward for the employees.

2.6.2. List of the most important studies commissioned for the decision-making authorities, the government and NGOs, international and foreign institutes

YEAR 2012 – 563 expert opinions

Studies for the Government:

Expert opinion title: 55 expert opinions on field research documentations

Addressee: Monuments Board of SR

Author: J. Beljak, G. Březinová, G. Fusek, I. Cheben, P. Bednár, M. Soják

Brief description: Scientific analyses of field research documentations submitted by persons licenced to execute archaeological field research in SR

Expert opinion title: Limes romanus – preparation of nomination to world heritage sites list

Addressee: Ministry of Culture of SR, Monuments Board of SR

Author: J. Rajtár

Brief description: Elaboration of expert profiles of individual Roman monuments in the territory of the Danube river for their nomination to world heritage sites list within the multilateral project Limes romanus.

Expert opinion title: Exhibition in Vatican

Addressee: Ministry of Foreign Affairs

Author: M. Ruttkay

Brief description: Preparation of materials for the exhibition in Vatican, including scenario, script, materials for the conference and expert reports.

Expert opinion title: 2 expert opinions related to heritage crime investigation

Addressee: Ministry of Interior, district police directorates

Author: PhDr. Ján Hunka, CSc.

Brief description: Expert opinions valuing coins

Expert opinion title: Expert opinion and field works related to crime investigation

Addressee: Ministry of Interior, NAKA

Author: Mgr. M. Cheben

Brief description: specialized documentation

Expert opinion title: 491 expert statements of the Institute of Archaeology of SAS

Addressee: regional monuments boards, towns, villages

Author: Employees of the Institute of Archaeology of SAS

Brief description: Statements related to construction activity with regard to potential threats to historical monuments

Expert opinion title: 6 studies for applications related to the support of projects of *Let's renew our house* programme

Addressee: villages of Divín, Ostrá Lúka, Nitra Bishopric, towns of Zvolen, Košice, Nitrianska Blatnica

Author: J. Beljak, P. Bednár

Brief description: Cooperation with towns and villages on renovation and revitalization of cultural monuments in towns and villages

Studies for NGOs

Expert opinion title: 4 studies for applications related to the support of projects of *Let's renew our house* programme

Addressee: Nonprofit organizations – civic associations (Association for the rescue of the Lietava castle – Lietava, Civic association Dedičstvo našich predkov zachovaj nám Pane, Association Archeofact Zvolen, Civic association Jurko)

Author: M. Bielich, M. Beljak, A. Ruttkay

Brief description: Cooperation with civic associations for renovation and revitalization of cultural monuments in towns and villages

Expert opinion title: European Researchers' Night on 28 September 2012 –Bratislava, Košice

Addressee: Slovak Organization for Research and Development Activities

Author: B. Zajacová, M. Cheben, I. Cheben, A. Nemergut, A. Arpáš, M. Ruttkay, R. Hreha, L. Luščíková, M. Čurný, E. Čaprdová

Brief description: preparation of the event

Studies for international and foreign organizations

Expert opinion title: Expert opinions on artifacts

Addressee: Moravian Museum Brno, Czech Republic

Author: PhDr. Karol Pieta, DrSc.

Brief description: Verification and evaluation of three depots from the Hallstatt era

YEAR 2013 – 419 expert opinions

Studies for the Government

Expert opinion title: Preparation of amendment of Act no. 49/2002

Addressee: Ministry of Culture of SR

Author: K. Pieta, M. Ruttkay

Brief description: Expert opinions for the MC SR, materials for commenting and appealing procedures

Expert opinion title: 2 expert opinions related to heritage crime investigation

Addressee: Ministry of Interior, district police directories

Author: J. Hunka

Brief description: Expert opinions valuing coins

Expert opinion title: 3 expert opinions from Geophysical survey

Addressee: Ministry of Interior of SR

Author: Mgr. Michal Cheben

Brief description: Geophysical survey for NAKA

Expert opinion title: 19 expert statements on field research documentations

Addressee: Monuments Board of SR

Author: J. Beljak, G. Březinová, G. Fusek, I. Cheben, P. Bednár, M. Soják

Brief description: Scientific analyses of field research documentations submitted by persons licenced to execute archaeological field research in SR

Expert opinion title: 363 expert statements of employees of the Institute of Archaeology of SAS

Addressee: regional monuments boards, towns, villages

Author: workers of the Institute of Archaeology of SAS

Brief description: Statements related to construction activity with regard to potential threats to archaeological monuments

Expert opinion title: Material for the study called Pamiatkový areál Bojná (Monument Area of Bojná)

Addressee: village of Bojná

Author: K. Pieta

Brief description: concept of opportunities for use of the microregion

Expert opinion title: 13 studies for applications related to the support of projects of *Let's renew our house* programme

Addressee: villages of Divín, Ostrá Lúka, Slanec, Bojná, Roman Catholic Church, Nitra Bishopric, towns of Zvolen, Košice, villages of Čabradský Vrbovok, Jelenec, Podzámčok, Vinné, Muráň, Roman Catholic parish of Divín

Author: P. Bednár, J. Beljak, E. Fottová, R. Malček

Brief description: Cooperation with civic associations for renovation and revitalization of cultural monuments in towns and villages

Studies for NGOs

Expert opinion title: 10 studies for applications related to the support of projects of *Let's renew our house* programme

Addressee: Nonprofit organizations – civic associations (Civic associations Castellum Cassovia, Castrum Ghymes, Civic association Hradčan, Civic association Rondel, Civic association Zemplín-Uzh castle route, Association for the rescue of the Lietava castle – Lietava, Civic association Podzámčok, Civic association Archeofact Zvolen)

Author: M. Bielich, M. Beljak, P. Bednár

Brief description: Cooperation with civic associations for renovation and revitalization of cultural monuments in towns and villages

Expert opinion title: European Researchers' Night on 27 September 2013 in Bratislava, Košice, Banská Bystrica

Addressee: Slovak Organization for Research and Development Activities

Authors: B. Zajacová, M. Cheben, I. Cheben, A. Nemergut, A. Arpáš, J. Beljak, M. Ruttkay, R. Hreha, L. Luštíková, M. Čurný

Brief description: preparation of the event

YEAR 2014 – 412 expert opinions

Studies for the Government

Expert opinion title: Preparation of examination tasks in the field of archaeology

Addressee: Ministry of Culture of SR

Author: J. Bátora, K. Pieta, A. Ruttkay

Brief description: Ministry of Culture of SR: formulation and elaboration of questions to examine special professional competence in the field of archaeology

Expert opinion title: Expert statement in relation to heritage crime investigation

Addressee: Ministry of Interior, Regional Police Department in Trnava

Author: J. Hunka

Brief description: Expert statement valuing coins

Expert opinion title: Geophysical survey of the concentration camp in Sobibor, Poland

Addressee: Ministry of Foreign Affairs of SR

Author: M. Cheben

Brief description: geophysical survey of the concentration camp in Sobibor, Poland

Expert opinion title: 8 feasibility studies related to construction of roads

Addressee: Ministry of Transport of SR, Národná diaľničná spoločnosť

Author: Employees of the Institute of Archaeology of SAS

Brief description: judging constructions from the aspect of cultural heritage: R2 – Kriváň-Tornaľa, R3-Zvolen, Šahy, D3 – Svrčinovec-Skalité, D1 – Hričovské Podhradie-Lietavská Lúčka, D1 – Lietavská Lúčka-Hričovské Podhradie, R7 – Bratislava Prievoz-Nové Zámky, R4 – Svidník-Lomné

Expert opinion title: 66 expert statements on field research documentations

Addressee: Monuments Board of SR

Author: J. Beljak, G. Fusek, I. Cheben, P. Bednár, M. Soják

Brief description: scientific analyses of field research documentation submitted by persons licenced to execute archaeological field research in SR

Expert opinion title: 311 expert statements of employees of the Institute of Archaeology of SAS

Addressee: regional monuments boards, towns, villages

Author: workers of the Institute of Archaeology of SAS

Brief description: Statements related to construction activity with regard to potential threat to archaeological monuments

Expert opinion title: Integrated regional operational programme 2014-2020

Addressee: Nitra Self-governing Region

Author: P. Bednár, M. Ruttkay

Brief description: expert materials for the document

Expert opinion title: Cultural and Creative Industries RIUS

Addressee: Nitra Self-governing Region

Author: P. Bednár

Brief description: expert materials for the document

Expert opinion title: 12 studies for applications related to the support of projects of *Let's renew our house* programme and other projects

Addressee: villages of Slanec, Bojná, Čabradský Vrbovok, Divín, Vinné, Modrý Kameň, Ostrá Lúka, Muráň, towns of Zvolen, Košice, Roman Catholic Church, Nitra Bishopric

Author: P. Bednár, J. Beljak, E. Fottová, K. Pieta, R. Malček

Brief description: Cooperation with civic associations for renovation and revitalization of cultural monuments in towns and villages

Studies for NGOs

Expert opinion title: 9 studies for applications related to the support of projects of *Let's renew our house* programme

Addressee: Nonprofit organizations – civic associations (civic associations Castellum Cassovia, Castrum Ghymes, civic association Hradčan, civic association Rondel, civic association Zemplín-Uzh castle route, Association for the rescue of the Lietava castle – Lietava, Association Ovčiarso, Civic association Podzámčok, Civic association Archeofact Zvolen)

Author: M. Bielich, M. Beljak, P. Bednár

Brief description: Cooperation with civic associations for renovation and revitalization of cultural monuments in towns and villages

Expert opinion title: European Researchers' Night on 27 September 2014 in Bratislava, Banská Bystrica, Košice

Addressee: Slovak Organization for Research and Development Activities

Author: B. Zajacová, M. Cheben, I. Cheben, A. Nemergut, A. Arpáš, J. Beljak, M. Ruttkay, R. Hreha, L. Luščíková, M. Čurný

Brief description: preparation of the event

YEAR 2015 – 475 expert opinions

Studies for the Government

Expert opinion title: 4 feasibility studies for constructions of roads

Addressee: Ministry of Transport of SR, Národná diaľničná spoločnosť

Author: workers of the Institute of Archaeology of SAS

Brief description: Judging construction from the aspect of protection of cultural heritage: R7 – Bratislava Ketelec-Bratislava Prievoz, R3 – Martin-Šášovské Podhradie, D1, R6 – State border SR/CR Púchov, R3 – Tvrdošín-intersection D1

Expert opinion title: Expert panel for judging protection of archaeological finds at Bratislava castle

Addressee: National Council of the Slovak Republic

Author: J. Rajtár, M. Ruttkay

Brief description: judging protection of important archaeological finds from the northern terrace of Bratislava castle

Expert opinion title: 27 expert opinions on field research documentation

Addressee: Monuments Board SR

Author: J. Beljak, G. Fusek, I. Cheben, P. Bednár, M. Soják

Brief description: Scientific analyses of field research documentations submitted by persons licenced to execute archaeological field research in SR

Expert opinion title: 422 expert statements of employees of the Institute of Archaeology of SAS

Addressee: regional monuments boards, towns, villages

Author: workers of the Institute of Archaeology of SAS

Brief description: statements related to construction activity with regard to potential threat to archaeological monuments

Expert opinion title: Line of the Cyrillo-Methodian cultural route in the Nitra Self-governing Region

Addressee: Nitra Self-governing Region

Author: P. Bednár, M. Ruttkay

Brief description: participation in preparation of the cultural route

Expert opinion title: 10 studies for applications related to the support of projects of *Let's renew our house* programme and other projects

Addressee: villages of Slanec, Bojná, Čabradský Vrbovok, Divín, Muráň, towns of Zvolen, Púchov, Žiar nad Hronom, Nitra Bishopric, Roman Catholic Church parishes of Hontianska Vrbica, Maňa

Author: P. Bednár, J. Beljak, E. Fottová, K. Kučeráková

Brief description: cooperation with civic associations for renovation and revitalization of cultural monuments in towns and villages

Studies for NGOs

Expert opinion title: 9 studies for applications related to the support of projects of *Let's renew our house* programme

Addressee: nonprofit organizations – civic associations (Civic associations Castellum Cassovia, Castrum Ghymes, Civic association Hradčan, Civic association Rondel, Civic association Zemplín-Uzh castle route, Association for the rescue of the Lietava castle – Lietava, Association for the rescue of the Šášov castle, Civic association Archeofact Zvolen)

Author: M. Bielich, M. Beljak, P. Bednár

Brief description: Cooperation with civic associations for renovation and revitalization of cultural monuments in towns and villages

Expert opinion title: European Researchers' Night on 25 September 2015 in Bratislava, Banská Bystrica and Košice

Addressee: Slovak Organization for Research and Development Activities

Author: B. Zajacová, M. Cheben, I. Cheben, A. Nemergut, A. Arpáš, J. Beljak, M. Ruttkay, R. Hreha, L. Luštíková, M. Čurný, E. Scholzová, K. Zahorecová, E. Čaprlová, B. Balžan, N. Salátová

Brief description: preparation of the event

2.6.3. List of contracts and research projects with industrial and other commercial partners, incl. revenues

In the concurrence environment we prepare projects for the scientific research activities that are part of the basic research in the field of archaeology. Numerous archaeological excavations yielded extraordinary results and obtained facts contributed to the theoretical solving of typological, chronological and cultural relationships at different stages of the human society development in Central Europe. Rescue archaeology is an accepted and dominant form of field archaeology in much of Europe. Most archaeological data are collected in this field of archaeology, and many of the methodological inventions in archaeology are made during rescue excavations.

Year 2012: 291 125,72 €

Contract title: The occurrence of archaeological sites along the route of the planned road construction R7 Dunajská Lužná

Contract addressee: Dopravoprojekt, a. s.

Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction I/51 Banská Štiavnica-Banská Belá

Contract addressee: Amberg Ingeneering

Responsible person: Róbert Malček

Contract title: The occurrence of archaeological sites along the route of the planned road construction I/75 Lučenec

Contract addressee: ISPO Prešov, s. r. o.

Responsible person: Henrieta Baliová

Contract title: The occurrence of archaeological sites along the route of the planned road construction I/64 Komárno-Hlohovec

Contract addressee: Terraprojekt

Responsible person: Barbara Zajacová

Contract title: The occurrence of archaeological sites along the route of the planned road construction ring road Šaľa

Contract addressee: Geoconsult

Responsible person: Adrián Nemergut

Contract title: The occurrence of archaeological sites along the route of the planned road construction R7 Dunajská Lužná-Holice

Contract addressee: Dopravoprojekt, a. s.

Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction Spišská Nová Ves-Levoča

Contract addressee: Valbek, s. r. o.

Responsible person: Marián Soják

Contract title: The occurrence of archaeological sites along the route of the planned road construction D2 Moravský Svätý Ján
Contract addressee: Terraprojekt
Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction Senica-Jablonica-Trstín
Contract addressee: Dopravoprojekt, a. s.
Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction D1 Svrčinovec-hranica SR
Contract addressee: Alfa 04
Responsible person: Marek Vojteček

Contract title: Archaeological excavation the crossroad Neresnica, Zvolen
Contract addressee: Stavby mostov Slovakia
Responsible person: Ján Beljak

Contract title: Archaeological excavation at the restoration of Mansion in Vyšný Kubín
Contract addressee: Kaštieľ Kubinyi, s. r. o.
Responsible person: Ján Beljak, Adrián Nemergut

Contract title: Archaeological excavation in Pata
Contract addressee: Orange Slovensko
Responsible person: Klaudia Daňová

Contract title: Archaeological excavations (21) in Párovské Háje, Liptovský Mikuláš, Lipová, Gbeľany, Malý Lapáš, Šoporňa, Sládkovičovo, Čierny Brod, Lužianky, Rusovce, šesť stavieb Prešov-Solivar, Levice, Podlužany, Lukáčovce, Spišské Podhradie, Teplička nad Váhom
Contract addressee: fyzické osoby
Responsible person: Eva Fottová, Marián Soják, Barbara Zajacová, Alena Bistáková, Eva Horváthová

Contract title: Archaeological excavations OC KIKA Poprad and Banská Bystrica, Immopark Košice
Contract addressee: HSF System
Responsible person: Marián Soják, Róbert Malček, Rastislav Hreha

Contract title: Archaeological excavations (27) in Nitra, Hurbanovo, Malé Ripňany, Jelenec, Horné Lefantovce, Veľké Zálužie, Ludanice, Gbelce, Bajč, Malé Kozmálovce, Tlmače, Vráble, Sikenička, Dolné Lefantovce, Želiezovce, Svodín, Šaľa, Nové Zámky, Plavé Vozokan, Veľký Lapáš, Pohranice, Trnava, Hurbanovo, Plášťovce
Contract addressee: Enermont, a. s.
Responsible person: Peter Bednár, Ivan Cheben, Eva Fottová, Ivan Kuzma, Henrieta Baliová, Petra Chebenová, Alena Bistáková, Klaudia Daňová, PhDr. Ján Beljak,

Contract title: Archaeological excavation of burial-ground in Cinobaňa
Contract addressee: Poistovňa Uniqua, K-Cero, s. r. o.
Responsible person: Václav Furmánek

Contract title: Cooperation Agreement 2012/2/11400 SNM-AM-ZOS-2012/1686
Contract addressee: SNM AM Bratislava/G Base
Responsible person: Karol Pieta

Contract title: Archaeological excavations in Heľpa, Zvolen, Domaniža
Contract addressee: EEM, s. r. o.
Responsible person: Ján Beljak

Contract title: Archaeological excavations (5) in Žiar nad Hronom, Komárno, Prešov, Košice, Dolná Strehová

Contract addressee: SPP, a. s.

Responsible person: Ján Beljak, Rastislav Rusnák,

Contract title: Archaeological excavation in Podhájska

Contract addressee: Triomax

Responsible person: Alena Bistáková

Contract title: Archaeological excavation in Štvrtok na Ostrove

Contract addressee: Most four

Responsible person: Ivan Kuzma

Contract title: Archaeological excavation in Tesárske Mlyňany

Contract addressee: kameň Slovakia, s. r. o.

Responsible person: Michal Cheben

Contract title: Archaeological excavation in Nitra

Contract addressee: Vachut, s. r. o.

Responsible person: Eva Fottová

Contract title: Archaeological excavations (4) in Jakubovo

Contract addressee: Nafta, a. s. Gbely

Responsible person: Kristián Elschek

Contract title: Archaeological excavation in Nitra

Contract addressee: Nikov, s. r. o.

Responsible person: Henrieta Baliová

Contract title: Archaeological excavation in Banská Bystrica

Contract addressee: Slovak telekom, a. s.

Responsible person: Ján Beljak, Michal Cheben

Contract title: Archaeological excavation in Spišské Vlachy

Contract addressee: El Randi, s. r. o.

Responsible person: Marián Soják

Contract title: Archaeological excavation in Zlaté Moravce

Contract addressee: Vodostav Orovnický, s. r. o.

Responsible person: Henrieta Baliová

Contract title: Archaeological excavations (6) in Bardejov, Veľký Meder, Hlohovec, Hurbanovo, Tlmače, Komjatice

Contract addressee: Tesco Stores Slovensko

Responsible person: Rastislav Hreha, Ivan Kuzma

Contract title: Archaeological excavation at Gardencentrum Trnava

Contract addressee: Topdevelopment, s. r. o.

Responsible person: Eva Fottová

Contract title: Archaeological excavations in Nitra, Horné a Dolné Krškany, levice

Contract addressee: Západoslovenská vodárenská spoločnosť, a. s.

Responsible person: Alena Bistáková, Eva Fottová

Contract title: Archaeological excavation in Šurany

Contract addressee: Greendwell

Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Veľké Chyndice

Contract addressee: Jomakstav, s. r. o.

Responsible person: Henrieta Baliová

Contract title: Archaeological excavation of the castle Lietava

Contract addressee: Občianske združenie Lietavský hrad

Responsible person: Mário Bielich

Contract title: The cooperation agreement výskumu on research of Roman kastel

Contract addressee: Podunajské múzeum Komárno

Responsible person: Ján Rajtár

Contract title: Archaeological excavation of the castle Vinné

Contract addressee: Zemplínsko-užská spoločnosť

Responsible person: Peter Bednár

Contract title: Archaeological excavations the Desert castle and the Lower castle in Zvolen

Contract addressee: Mesto Zvolen

Responsible person: Ján Beljak

Contract title: Archaeological excavations (7) in Spišský Štvrtok, Veľký Šariš-Kanaš, Košice, Zalužice, Prešov-Šalgovík, Moldava nad Bodvou

Contract addressee: Východoslovenská energetická

Responsible person: Marián Soják, Marián Čurný, Rastislav Hreha

Contract title: Archaeological excavation in Čierne Kľačany

Contract addressee: Soar, s. r. o.

Responsible person: Peter Bednár

Contract title: Archaeological excavation, Road I/59 Dolný Kubín

Contract addressee: Doprastav, a. s.

Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Tvrdošovce

Contract addressee: TEXO partner, s. r. o.

Responsible person: Ivan Cheben

Contract title: Archaeological excavation in Mlynárčiach

Contract addressee: Novosedlík, s. r. o.

Responsible person: Michal Cheben

Contract title: Archaeological excavation in Sladkovičovo

Contract addressee: Bekaert, s. r. o.

Responsible person: Ivan Kuzma

Contract title: Archaeological excavation in Zvolen

Contract addressee: Farský úrad Zvolen

Responsible person: Róbert Malček

Contract title: Archaeological excavation in Ivánka pri Nitre

Contract addressee: SOLA

Responsible person: Adrián Nemergut

Contract title: Archaeological excavation of the castle Kamenica

Contract addressee: Občianske združenie Kamenná veža

Responsible person: Marián Soják

Contract title: Archaeological excavation of the castle Divín

Contract addressee: Obec Divín

Responsible person: Eva Fottová

Contract title: Archaeological excavation in Dvory nad Žitavou

Contract addressee: Gamex trading, s. r. o.

Responsible person: Ivan Cheben

Contract title: Archaeological excavation in Vráble

Contract addressee: Mesto Vráble

Responsible person: Alena Bistáková

Contract title: Archaeological excavation of the castle Devín

Contract addressee: Múzeum mesta Bratislavy

Responsible person: Peter Bednár

Contract title: Archaeological excavation the castle Hričov

Contract addressee: OZ združenie priateľov

Responsible person: Mário Bielich

Contract title: Geophysical research in Žilina

Contract addressee: Ministerstvo vnútra SR

Responsible person: Michal Cheben

Contract title: Archaeological excavation of the castle Modrý Kameň

Contract addressee: Stredoslovenská vodárenská spoločnosť, a. s.

Responsible person: Ján Beljak

Contract title: Archaeological excavation in Brezno

Contract addressee: Creostav, s. r. o.

Responsible person: Róbert Malček

Contract title: Archaeological excavation the Košice castle

Contract addressee: Košice 2013 - EHMK, n. o.

Responsible person: Peter Bednár

Contract title: Archaeological excavation in Budimír, Mníšek nad Popradom

Contract addressee: Inžinierske stavby Košice

Responsible person: Rastislav Hreha, Marián Soják

Contract title: Archaeological excavation in Veľký Krtíš - Pôtor

Contract addressee: Strabag

Responsible person: Róbert Malček.

Contract title: Archaeological excavation of the Lower castle in Filákov

Contract addressee: Múzeum Filákov

Responsible person: Róbert Malček

Contract title: Archaeological excavation in Veľký Krtíš

Contract addressee: Mavim Bratislava

Responsible person: Ján Beljak

Contract title: Archaeological excavation at mansion in Žarnovica

Contract addressee: Czeteová Skalica

Responsible person: Ján Beljak

Contract title: Archaeological excavation in Nitra
Contract addressee: SEC Nitra
Responsible person: Michal Cheben

Contract title: Archaeological excavation in the historical centre of Košice
Contract addressee: Východoslovenská vodárenská, a. s.
Responsible person: Marián Čurný

Contract title: Archaeological excavation in Želiezovce
Contract addressee: biLL
Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Želiezovce
Contract addressee: RD Želiezovce
Responsible person: Adrián Nemertgut

Contract title: Archaeological excavation of The Church in Horná Lehota
Contract addressee: J.P.V.K. - SROS
Responsible person: Jozef Ďuriš

Contract title: Archaeological excavation of flat house in Žitavany
Contract addressee: Obec Žitavany
Responsible person: Alena Bistáková

Contract title: Archaeological excavation in Panoráma Košice
Contract addressee: MM invest
Responsible person: Rastislav Hreha

Contract title: Archaeological excavations (5) in Nové Zámky, Levice, Nitra, Krušovce
Contract addressee: Západoslovenská vodárenská spoločnosť, a. s.
Responsible person: Ivan Cheben, Adrián Nemergut

Contract title: Archaeological excavation
Contract addressee: Mesto Spišská Belá
Responsible person: Marián Soják

Contract title: Archaeological excavation in Košice
Contract addressee: Trumpf Košice
Responsible person: Rastislav Hreha

Contract title: Archaeological excavation at mansion Dolná Strehová
Contract addressee: PS NOVOPS
Responsible person: Róbert Malček

Contract title: Archaeological and geophysical research of church in Radola
Contract addressee: Kysucké múzeum Čadca
Responsible person: Marián Samuel

Contract title: Archaeological excavation in SC Stupava
Contract addressee: Billa Slovensko
Responsible person: Kristián Elschek

Contract title: Archaeological excavation in Pukanec
Contract addressee: Obec Pukanec
Responsible person: Róbert Malček

Contract title: Archaeological excavation in CMZ Hriňová
Contract addressee: Mesto Hriňová
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Rimavská Seč
Contract addressee: Gemernet, s r. o.
Responsible person: Ján Beljak

Contract title: Archaeological excavation of flathouses in Spišské Podhradie
Contract addressee: Agro 21, s. r. o.
Responsible person: Marián Soják

Contract title: Archaeological excavation in Levoča
Contract addressee: boanamaim, s., r. o.
Responsible person: Marián Soják

Contract title: Archaeological excavation of town square in Levoča
Contract addressee: Mesto Levoča
Responsible person: Marián Soják

Contract title: Archaeological excavation in Trenčianska Teplá
Contract addressee: Stavmont
Responsible person: Ivan Cheben

Year 2013: 185 810,29 €

Contract title: The occurrence of archaeological sites along the route Teplička-Žilina
Contract addressee: Reming consult
Responsible person: Barbara Zajacová

Contract title: The occurrence of archaeological sites along the route of the planned road construction R4 Hanušovce-Veľké Kapušany
Contract addressee: Dopravoprojekt, a. s.
Responsible person: Rastislav Hreha

Contract title: The occurrence of archaeological sites along the route of the planned road construction R4 Prešov - obchvat
Contract addressee: HBH
Responsible person: Rastislav Hreha

Contract title: The occurrence of archaeological sites along the route of the planned road construction D4 Ivanka pri Bratislave-Rača
Contract addressee: Dopravoprojekt, a. s.
Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites on the park places ŽSR
Contract addressee: Dopravoprojekt, a. s.
Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction Lietavská Lúčka-Žilina
Contract addressee: Geoconsult
Responsible person: Martina Zaujecová

Contract title: Archaeological excavations (34) in Bajč, Senica-Myjava, Kovarce, 3 stavby Topoľčany, Solčany, Gáň, Kráľová nad Váhom, Nitra-Kyneč, Pata Štitáre, Sládkovičovo, Šoporňa, Golianovo, Veľké Kostolany, Čaka, Veľké Uherce, Zlaté Moravce, Žitavany, Hontianske Trst'any, Vráble, Kostolný Sek, Nové Zámky, Komjatice, Šalgovce, Nitrianska Blatnica, Nitra, Plášťovce, Galanta, Ivanka pri Nitre, Rastislavice, Veľké Janíkovce, Mikova Ves

Contract addressee: Enermont, a. s.

Responsible person: Alena Bistáková, Kristián Elschek, Mgr. Adrián Nemergut, Klaudia Daňová, Petra Smetanová, Martina Zaujecová, Beáta Milová, Eva Fottová, Róbert Malček

Contract title: Archaeological research of the region Slaná

Contract addressee: Združenie obcí

Responsible person: Ján Beljak

Contract title: Archaeological excavation at SC Spišská Belá, Trstice

Contract addressee: Tesco Stores Slovensko

Responsible person: Marián Soják, Petra Smetanová

Contract title: Archaeological excavation the Lower castle in Zvolen

Contract addressee: Mesto Zvolen

Responsible person: Ján Beljak

Contract title: Archaeological excavation on the pipeline route in Malé Zlievce – state border SR

Contract addressee: Eustream, a. s.

Responsible person: Ján Beljak

Contract title: Archaeological excavations (5) in Bojnice, Nitra, Zvolen-Balkán, Krupina, Nitrianska Blatnica

Contract addressee: Slovak telekom

Responsible person: Petra Smetanová, Beáta Milová, Ján Beljak

Contract title: Archaeological excavation on the pipeline rout in Levice, Považská Bystrica

Contract addressee: SPP Distribúcia, a. s.

Responsible person: Eva Fottová, Adrián Nemergut

Contract title: Archaeological excavation in Immopark Košice

Contract addressee: HSF, s. r. o.

Responsible person: Rastislav Hreha

Contract title: Archaeological excavation in Košice-Barca

Contract addressee: Kolajové a dopravné stavby

Responsible person: Rastislav Hreha

Contract title: Archaeological excavation in Komjatice

Contract addressee: Stavmex, s. r. o.

Responsible person: Eva Fottová

Contract title: Archaeological excavation of Budatin castle, Žilina

Contract addressee: Žilinský samosprávny kraj

Responsible person: Peter Bednár

Contract title: Archaeological excavation in Košice-Barca

Contract addressee: fresh - Labaš

Responsible person: Rastislav Hreha

Contract title: Archaeological excavation

Contract addressee: Dituria

Responsible person: Ján Beljak

Contract title: Archaeological excavation in VSS Košice
Contract addressee: Východoslovenská spoločnosť
Responsible person: Rastislav Hreha

Contract title: Archaeological excavations (6) in Nitra, Malý Lapáš, Podhorany-Sokolníky, Veľký Lapáš, Kráľová nad Váhom, Tešedíkovo
Contract addressee: fyzické osoby
Responsible person: Martina Zaujecová, Beáta Milová, Adrián Nemergut

Contract title: Archaeological excavation of the castle Divín
Contract addressee: Obec Divín
Responsible person: Eva Fottová

Contract title: Archaeological excavation of the castle Muráň
Contract addressee: Obec Muráň
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Nižná
Contract addressee: J.P.V.K. - SROS
Responsible person: Marek Vojteček

Contract title: Archaeological excavations (6) in Záhorská Ves, Jakubov, Vysoká, Dúbrava, dve stavby Suchohrad
Contract addressee: Nafta, a. s.
Responsible person: Kristián Elschek

Contract title: Archaeological excavation of the castle Gýmeš, Jelenec
Contract addressee: OZ Ghymes
Responsible person: Mário Bielich

Contract title: Archaeological excavation sacral building in Stránske
Contract addressee: Obec Stránske
Responsible person: Mário Bielich

Contract title: Archaeological excavation in Mlynárce
Contract addressee: Venda stav, s. r. o.
Responsible person: Martina Zaujecová

Contract title: Archaeological excavation in Dolné Krškany
Contract addressee: Muehlbauer
Responsible person: Mgr. Martina Zaujecová

Contract title: Archaeological excavation in Veľký Krtíš
Contract addressee: Dosa Bytča
Responsible person: Ján Beljak

Contract title: Archaeological excavation of the castle Modrý Kameň
Contract addressee: Hradčan, o. z.
Responsible person: Ján Beljak

Contract title: Archaeological excavation of the castle Čabrad
Contract addressee: Obec Čabradský Vrbovok
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Varín
Contract addressee: AZ car, s. r. o.
Responsible person: Barbara Zajacová

Contract title: Archaeological excavation in Hájske
Contract addressee: Obec Hájske
Responsible person: Klaudia Daňová

Contract title: Archaeological and geophysical research in Martin, Vysoká pri Morave
Contract addressee: Ministerstvo vnútra SR
Responsible person: Michal Cheben

Contract title: Archaeological excavations in Prešov, Levoča, Haniska
Contract addressee: Výcodoslovenská energetická, a. s.
Responsible person: Marián Soják, Rastislav Hreha

Contract title: Archaeological excavation of the castle Vinné
Contract addressee: Zemplínsko-užská spoločnosť
Responsible person: Peter Bednár

Contract title: Archaeological excavation of the castle Slanec
Contract addressee: Obec Slanec
Responsible person: Rastislav Rusnák

Contract title: Archaeological excavation of the castle Lietava
Contract addressee: združenie na obnovu hradu
Responsible person: Mário Bielich

Contract title: Archaeological excavation of the Lower castle in Filákov
Contract addressee: Múzeum Filákov
Responsible person: Róbert Malček

Contract title: Archaeological excavation in Zvolen-Balkán
Contract addressee: LZ Čech
Responsible person: Ján Beljak

Contract title: Archaeological excavation sacral building in Malé Vozokany
Contract addressee: farnosť Nemčiňany
Responsible person: Michal Cheben

Contract title: Archaeological excavation in Dolné Lefantovce
Contract addressee: Obec Dolné Lefantovce
Responsible person: Klaudia Daňová

Contract title: Archaeological excavation the church in Radola
Contract addressee: Kysucké múzeum Čadca
Responsible person: Marián Samuel

Contract title: Archaeological excavation in Výčapy-Opatovce
Contract addressee: Západoslovenská vodárenská spoločnosť, a. s.
Responsible person: Klaudia Daňová

Contract title: Archaeological excavation in Jelšovce, Topoľčany, Jacovce, Štúrovo
Contract addressee: Západoslovenská vodárenská spoločnosť, a. s.
Responsible person: Adrián Nemergut, Martina Zaujecová

Contract title: Archaeological excavation in Čab
Contract addressee: Martifer, s. r. o.
Responsible person: Jozef Ďuriš

Contract title: Archaeological and geophysical research in Pustějov
Contract addressee: Slezská univerzita Opava
Responsible person: Michal Cheben

Contract title: Archaeological excavation of manor house in Vyšný Kubín
Contract addressee: Kaštieľ Kubinyi, s. r. o.
Responsible person: Adrián Nemergut

Contract title: Archaeological excavation of sacral building in Divín
Contract addressee: farnosť Divín
Responsible person: Eva Fottová

Contract title: Archaeological excavation in Trnava
Contract addressee: Top development
Responsible person: Klaudia Daňová

Contract title: Archaeological excavation in Bratislava
Contract addressee: Nemocnica sv. Michala
Responsible person: Kristián Elschek

Contract title: Archaeological excavation of sacral building in Čaka
Contract addressee: farnosť Čaka
Responsible person: Ondrej Žaár

Contract title: Archaeological excavation in Drženice
Contract addressee: Obec Drženice
Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Bratislava
Contract addressee: Metrostav
Responsible person: Kristián Elschek

Contract title: Archaeological excavation in Devínske jazero
Contract addressee: Železničné staviteľstvo
Responsible person: Kristián Elschek

Contract title: Archaeological excavation
Contract addressee: Váhostav
Responsible person: Rudolf Kujovský

Contract title: Archaeological excavation
Contract addressee: Obec Dolná Strehová
Responsible person: Ján Beljak

Contract title: Archaeological excavation
Contract addressee: Coop jednota
Responsible person: Petra Smetanová

Contract title: Archaeological excavation, Mint in Kremnica
Contract addressee: Mincovňa Kremnica
Responsible person: Kristína Kučeráková

Contract title: Archaeological excavation, Monastery Hronský Beňadik
Contract addressee: Biskupský úrad Nitra
Responsible person: Peter Bednár

Contract title: Archaeological excavation, Hillfort Divinka
Contract addressee: Považské múzeum Žilina
Responsible person: Gabriel Fusek

Contract title: Archaeological excavation in Župčany
Contract addressee: Kopa Eng., s. r. o.
Responsible person: Rastislav Hreha

Contract title: Archaeological excavation in Nižná
Contract addressee: EDM, s r. o.
Responsible person: Barbara Zajacová

Year 2014: 1 289 709,61 €

Contract title: The occurrence of archaeological sites along the route of the planned road construction D1 Senec Blatné
Contract addressee: Dopravoprojekt, a. s.
Responsible person: Beáta Milová

Contract title: The occurrence of archaeological sites along the route of the planned road construction D1 Bidovce – hranice SR/UA
Contract addressee: Geoconsult
Responsible person: Rastislav Hreha, PhD.

Contract title: The occurrence of archaeological sites along the route of the planned road construction R2 Nováky – križovatka D1
Contract addressee: Dopravoprojekt, a. s.
Responsible person: Beáta Milová

Contract title: The occurrence of archaeological sites along the route of the planned road construction R2 Tornaľa - Včeláre
Contract addressee: Amberg Engineering
Responsible person: Rastislav Hreha

Contract title: The occurrence of archaeological sites along the route of the planned road construction R7 Bratislava Prievoz – Nové Zámky
Contract addressee: Terraprojekt
Responsible person: Alena Bistáková

Contract title: Štúdiá archeologických výskumov v trase integrovanej dopravy Bratislava
Contract addressee: Reming consult
Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction R2 Kriváň - Tornaľa
Contract addressee: Alfa 04
Responsible person: Kristína Kučeráková

Contract title: The occurrence of archaeological sites along the route of the planned road construction R2 Včeláre – Košické Olšany
Contract addressee: Valbek, s. r. o.
Responsible person: Rastislav Hreha

Contract title: The occurrence of archaeological sites along the route of the planned road construction R3 Zvolen - Šahy
Contract addressee: HBH, s. r. o.
Responsible person: Ján Beljak

Contract title: The occurrence of archaeological sites along the route of the planned road construction R4 Kapušany – hranica SR
Contract addressee: HBH, s. r. o.
Responsible person: Rastislav Hreha

Contract title: The occurrence of archaeological sites along the route of the planned road construction R7 Bratislava Ketelec - Prievoz
Contract addressee: R-projekt
Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction I/67 Poprad - Kežmarok
Contract addressee: Valbek, s. r. o.
Responsible person: Marián Soják

Contract title: The occurrence of archaeological sites along the route of the planned road construction D1 Bratislava – Senec šest'pruh
Contract addressee: Amberg Engineering
Responsible person: Marek Vojteček

Contract title: Archaeological excavation, Nitra Castle
Contract addressee: Biskupský úrad Nitra
Responsible person: Peter Bednár

Contract title: Archaeological excavation in USP Nitra
Contract addressee: Poľnohospodárska univerzita Nitra
Responsible person: Beáta Milová

Contract title: Archaeological excavations in Veľké Janíkovce, three routes in Dolné Krškany, Lužianky, Nová Ves nad Žitavou, Čankov-Demandice, Horné Lefantovce, Horné Krškany, Duchonka, Gáň-Nebojsa, Machulince
Contract addressee: Západoslovenská vodárenská spoločnosť, a. s.
Responsible person: Adrián Nemergut, Petra Smetanová, Alena Bistáková, Klaudia Daňová, Eva Fottová

Contract title: Archaeological excavation in Gajary
Contract addressee: Nafta, a. s.
Responsible person: Kristián Elschek

Contract title: Archaeological excavation in Čierne Kľačany
Contract addressee: SOAR, s. r. o.
Responsible person: PhDr. Alena Bistáková, PhD.

Contract title: Archaeological excavation, Road I/68 Mníšek nad Popradom
Contract addressee: Inžinierske stavby Košice
Responsible person: Marián Soják

Contract title: Archaeological excavation, Road D3 Svrčinovec - Skalité
Contract addressee: Váhostav, a. s.
Responsible person: Adrián Nemergut

Contract title: Archaeological excavations (34) in Nitra (4), Horné Krškany, Andač, Dunajská Streda (2 stavby), Komárno, Pukanec, Matúškovo, Vrbové, Mojmírovce, Komárno, Nové Zámky, Veľké Uľany, Malý Lapáš, Borovce, Podlužany, Hviezdoslavov, Pataš, Neded, Jelenec, Želiezovce, Košolná, Kalná nad Hronom, Veľký Cetín, Macov, Čierna Voda, Nemčiňany, Dolné Lefantovce, Zlaté Moravce, Slepčany, Šamorín
Contract addressee: Západoslovenská distribučná, a. s.

Responsible person: Martina Zaujecová, Mário Bielich, Alena Bistáková, Róbert Malček, Ivan Cheben, Zuzana Poláková, Michal Cheben, Marek Vojteček, Klaudia Daňová, Branislav Kovár,

Contract title: Archaeological excavation in Levice, Dudince, Tlmače, Levice-Géňa, Starý Tekov

Contract addressee: Slovak telekom

Responsible person: Ivan Cheben, Ján Beljak, Marek Vojteček, Adrián Nemergut

Contract title: Archaeological excavation in Dolné Krškany

Contract addressee: BOMIF, s. r. o.

Responsible person: Martina Zaujecová

Contract title: Archaeological excavation, Road D1 Hričovské Podhradie – Lietavská Lúčka

Contract addressee: Váhostav, a. s.

Responsible person: Barbara Zajacová

Contract title: Archaeological excavation in Topoľčianky

Contract addressee: else plus

Responsible person: Petra Smetanová

Contract title: Archaeological excavation, Lower castle Zvolen

Contract addressee: Mesto Zvolen

Responsible person: Ján Beljak

Contract title: Archaeological excavation in Spišské Podhradie

Contract addressee: Východoslovenská energetická, a. s.

Responsible person: Marián Soják

Contract title: Archeologický výskum in Luboreč

Contract addressee: VSK Mineral

Responsible person: Ján Beljak

Contract title: Archaeological excavations in Zlaté Moravce (7x IBV), Nitra-Zobor, Barca, Malý Lapáš

Contract addressee: fyzické osoby

Responsible person: Petra Smetanová, Rastislav Hreha, Mário Bielich,

Contract title: Archaeological excavation in Poľný Kesov

Contract addressee: Thermal Kesov

Responsible person: Martina Zaujecová

Contract title: Archaeological excavation in Kremnica

Contract addressee: Mincovňa Kremnica

Responsible person: Ján Beljak

Contract title: Archaeological excavation in Svit - Batizovce

Contract addressee: Terra technik

Responsible person: Marián Soják

Contract title: Archaeological excavation, castle Modrý Kameň

Contract addressee: Hradčan, o. z.

Responsible person: Ján Beljak

Contract title: Archaeological excavation, castle Divín

Contract addressee: Obec Divín

Responsible person: Eva Fottová

Contract title: Archaeological excavation, castle Čabrad'
Contract addressee: Obec Čabradský Vrbovok
Responsible person: Kristína Kučeráková

Contract title: Archaeological excavation, castle Muráň
Contract addressee: Obec Muráň
Responsible person: Róbert Malček

Contract title: Archaeological excavation in Včelince - Tornaľa
Contract addressee: Gemernet
Responsible person: Róbert Malček

Contract title: Archaeological excavation in Holíč – Skalica - Vrádište
Contract addressee: Eon České Budějovice
Responsible person: Peter Bednár

Contract title: Archaeological excavation, castle Lietava
Contract addressee: Združenie Lietava, o. z.
Responsible person: Mário Bielich

Contract title: Archaeological excavation sacral building in Hrušovany
Contract addressee: Obec Hrušovany
Responsible person: Marián Samuel

Contract title: Archaeological excavations in Suchohrad (2x), Jakubov, Dúbrava, Gajary-Baden
Contract addressee: Nafta Gbely, a. s.
Responsible person: Kristián Elschek

Contract title: Archaeological excavation
Contract addressee: Mesto Spišské Podhradie
Responsible person: Marián Soják

Contract title: Archaeological excavation in Dolný Hričov
Contract addressee: HSF System
Responsible person: Marián Čurný

Contract title: Archaeological excavation sacral building Nitra
Contract addressee: Nemocnica sv. Svorada
Responsible person: Petra Smetanová

Contract title: Archaeological excavation in SC Laugaricio
Contract addressee: Retail Park
Responsible person: Ivan Cheben

Contract title: Archaeological excavation, castle Jelenec
Contract addressee: Castrum Ghymes
Responsible person: Mário Bielich

Contract title: Archaeological excavations, Sered' - Galanta
Contract addressee: Orovnický Vodostav
Responsible person: Klaudia Daňová

Contract title: Archaeological excavation
Contract addressee: Mesto Spišská Nová Ves
Responsible person: Marián Soják

Contract title: Archaeological excavation, castle Fiľakovo
Contract addressee: hradné múzeum Fiľakovo

Responsible person: Róbert Malček

Contract title: Archaeological excavation, Manor-house in Vyšný Kubín

Contract addressee: Kaštieľ Kubinyi

Responsible person: Ján Beljak

Contract title: Archaeological excavation, Nitra castle

Contract addressee: Biskupský úrad Nitra

Responsible person: Marián Samuel

Contract title: Archaeological excavation, Hillfort Divinka

Contract addressee: Považské múzeum Žilina

Responsible person: Gbriel Fusek

Contract title: Archaeological excavation in Branči

Contract addressee: Mavix

Responsible person: Alena Bistáková

Contract title: Archaeological excavation in Radoľa

Contract addressee: Kysucké múzeum Čadca

Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Poľanovce

Contract addressee: Sihot', o. z.

Responsible person: Marián Soják.

Contract title: Archaeological excavation in Mlynský Sek

Contract addressee: Agromont Vimperk

Responsible person: Ivan Cheben

Contract title: Archaeological excavation in Gabčíkovo – Veľký Ďur

Contract addressee: SEPS, a. s.

Responsible person: Ivan Cheben

Contract title: Archaeological excavation in Nitra-Mlynárce

Contract addressee: Kärcher

Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Nitra

Contract addressee: Stavomex

Responsible person: Peter Bednár

Contract title: Archaeological excavation, Road R1 Nitra-Šindolka

Contract addressee: Strabag

Responsible person: Matej Ruttkay

Contract title: Archaeological excavation in Nové Sady

Contract addressee: Obec Nové Sady

Responsible person: Petra Smetanová

Contract title: Archaeological excavation in Šaštín-Stráže

Contract addressee: Orange Slovensko

Responsible person: Kristián Elschek

Contract title: Archaeological excavation in Liptovská Teplička

Contract addressee: Obec Liptovská Teplička

Responsible person: Marián Soják

Contract title: Archaeological excavation in Martin
Contract addressee: SPP Distribúcia, a. s.
Responsible person: Rudolf Kujovský

Contract title: Archaeological excavation in Štúrovo
Contract addressee: zyry networks
Responsible person: Zuzana Poláková

Contract title: Archaeological excavation, Monastery Hronský Beňadik
Contract addressee: Biskupský úrad Nitra
Responsible person: Peter Bednár

Contract title: Archaeological excavation
Contract addressee: Obec Prašice
Responsible person: Mário Bielich

Contract title: Archaeological excavation in Dolné Lefantovce
Contract addressee: agrostav a staveko
Responsible person: Alena Bistáková

Contract title: Archaeological excavation in Pusté Sady
Contract addressee: Montstav
Responsible person: Eva Fottová

Contract title: Archaeological excavation, Church in Hontianska Vrbica
Contract addressee: farnosť Hontianska Vrbica
Responsible person: Eva Fottová

Contract title: Archeologický výskum in Trenčín
Adresát kontraktu: Takenaka
Responsible person: Ivan Cheben

Contract title: Archaeological excavation in Banská Bystrica
Contract addressee: Gorea, s. r. o.
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Machulince
Contract addressee: Šips staving
Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Bojnice
Contract addressee: Priemstav Prievidza
Responsible person: Rudolf Kujovský

Contract title: Archaeological excavation, Ice Arena Košice
Contract addressee: FLM, s. r. o.
Responsible person: Rastislav Hreha

Contract title: Archaeological excavation in SC Kúty
Contract addressee: Tesco Stores Slovensko
Responsible person: Kristián Elschek

Contract title: Archaeological excavation, castle Slanec
Contract addressee: Obec Slanec
Responsible person: Peter Bednár

Contract title: Archaeological and geophysical research in Sobibor
Contract addressee: Nemecko-poľská nadácia

Responsible person: Michal Cheben

Year 2015: 440 720,57 €

Contract title: The occurrence of archaeological sites along the route of the planned road construction R6 SR/ČR - Púchov

Contract addressee: Amberg Ingeneering

Responsible person: Marek Vojteček

Contract title: The occurrence of archaeological sites along the route of the planned road construction R1 Banská Bystrica - Ružomberok

Contract addressee: Dopravoprojekt, a. s.

Responsible person: Ján Beljak

Contract title: The occurrence of archaeological sites along the route of the planned road construction R3 Tvrdošín – križovatka D1

Contract addressee: Amberg Ingeneering

Responsible person: Marek Vojteček

Contract title: The occurrence of archaeological sites along the route of the planned road construction Veľký Meder a Rimavská Sobota

Contract addressee: Enviro Tatry

Responsible person: Kristína Kučeráková

Contract title: The occurrence of archaeological sites along the route of the planned road construction R3 Martin Šášovské Podhradie

Contract addressee: Amberg Engeneering

Responsible person: Jan Beljak

Contract title: The occurrence of archaeological sites along the route of the planned road construction D4 Rača – Záhorská Bystrica

Contract addressee: Tarrosi

Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction D1 Blatné - Trnava

Contract addressee: R-Projekt

Responsible person: Ivan Cheben

Contract title: The occurrence of archaeological sites along the gal lines connecting route

Contract addressee: Eustream

Responsible person: Rastislav Hreha

Contract title: The occurrence of archaeological sites along the route of the planned road construction R7 Bratislava Ketelec - Prievoz

Contract addressee: alfa 04

Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction R7 Nové Zámky - Lučenec

Contract addressee: Amberg Engeneering

Responsible person: Monika Gabulová

Contract title: The occurrence of archaeological sites along the route of the planned road construction R7 Dunajská Lužná - Holice

Contract addressee: Cemos

Responsible person: Kristián Elschek

Contract title: The occurrence of archaeological sites along the route of the planned road construction Bánovce nad Ondavou - Humenné

Contract addressee: Reming consult

Responsible person: Rastislav Hreha

Contract title: Archaeological excavation, castle Zvolen

Contract addressee: Mesto Zvolen

Responsible person: Ján Beljak,

Contract title: Archaeological excavations in Lužianky, Cabaj-Čápor

Contract addressee: Slovak telekom

Responsible person: Zuzana Poláková, Klaudia Daňová

Contract title: Archaeological excavations (32) in Zlaté Moravce, Štefanovičová, Párovské Háje, Tomášikovo, Bohelov, Holice, Nitra-Zobor, Galanta, Jahodná, Chrabrany, Melek, Želiezovce, Horná Potôň, Kozárovce, Kalná nad Hronom, Levice, Dunajská Streda, Štúrovo, Hubice, Báb, Nitra, Ladice, Šaľa, Malé Ripňany, Nitra-Kyneč, Hviezdoslavov, Veľké Kostoľany, Jabloňovce, Ružindol, Nitra-Chrenová, Veľké Kostoľany, Topoľčany

Contract addressee: Západoslovenská distribučná, a. s.

Responsible person: Marek Vojteček, Zuzana Poláková, Róbert Olvecký, Peter Debnár, Adrián Nemergut, Branislav Kovár, Klaudia Daňová

Contract title: Archaeological excavation in Nitra

Contract addressee: Finančné riaditeľstvo SR

Responsible person: Zuzana Poláková

Contract title: Archaeological excavation in Hurbanovo

Contract addressee: Molda, s. r. o.

Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Záhorská Ves, Suchohrad, Láb, Gajary, Vysoká, Malacky

Contract addressee: Nafta Gbely

Responsible person: Kristián Elschek

Contract title: Archaeological excavation in Jelšovce

Contract addressee: Megaspol

Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Komárno

Contract addressee: ŠamStav

Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Močenok, Štvrtok na Ostrove, Zlaté Moravce,

Contract addressee: fyzické osoby

Responsible person: Jozef Elgyutt, Marek Vojteček

Contract title: Archaeological excavation in Sered'

Contract addressee: Lidl Slovensko

Responsible person: Klaudia Daňová

Contract title: Archaeological excavation in Nitra-Šindolka

Contract addressee: BV real

Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Košice, Komárno, Lisková, Iža, Martin

Contract addressee: SPP Distribúcia, a. s.

Responsible person: Marián Soják, Rastislav Hreha, Matúš Melo

Contract title: Archaeological excavation in Prešov

Contract addressee: Východoslovenská distribučná, a. s.

Responsible person: Rastislav Hreha

Contract title: Archaeological excavation in Revúca

Contract addressee: Inžinierske stavby Košice

Responsible person: Rastislav Hreha

Contract title: Archaeological excavation in Zvolen

Contract addressee: C. K., s. r. o.

Responsible person: Ján Beljak

Contract title: Archaeological excavation in Nitra

Contract addressee: Arriva

Responsible person: Adrián Nemergut

Contract title: Archaeological excavation, castle Divín

Contract addressee: Obec Divín

Responsible person: Eva Fottová

Contract title: Archaeological excavation, castle Modrý Kameň

Contract addressee: Hradčany, o. z.

Responsible person: Ján Beljka

Contract title: Archaeological excavation, castle Šášov

Contract addressee: Združenie na záchranu hradu

Responsible person: Kristína Kučeráková

Contract title: Archaeological excavation, castle Čabrad'

Contract addressee: Obec Čabradský Vrbovok

Responsible person: Ján Beljak

Contract title: Archaeological excavation, castle Jelenec

Contract addressee: Castrum Ghymes

Responsible person: Mário Bielich

Contract title: Archaeological excavation, Bratislava castle

Contract addressee: Národná rada SR

Responsible person: Zuzana Poláková

Contract title: Archaeological excavation in Senec

Contract addressee: Doprastav, a. s.

Responsible person: Marek Vojteček

Contract title: Archaeological excavation, Road D1 Triblavina

Contract addressee: Porr

Responsible person: Klaudia Daňová

Contract title: Archaeological excavation in Šurany

Contract addressee: Cesty Nitra

Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Dvory nad Žitavou

Contract addressee: Cesty Nitra

Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Modra
Contract addressee: Slovenský vodohospodársky podnik
Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Mlynárce
Contract addressee: InVest
Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Štrba-Šoldov
Contract addressee: Obec Štrba
Responsible person: Marián Soják

Contract title: Archaeological excavation in Lužianky
Contract addressee: Obec Lužianky
Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Ružová osada
Contract addressee: Skanska
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Bakta
Contract addressee: Eustream
Responsible person: Róbert Malček

Contract title: Archaeological excavation, castle Fiľakovo
Contract addressee: Hradné múzeum Fiľakovo
Responsible person: Róbert Malček

Contract title: Archaeological excavation, castle Kamenica
Contract addressee: Kamenná veža, o. z.
Responsible person: Marián Soják

Contract title: Archaeological excavation in Smolenice
Contract addressee: Naše Smolenice, o. z.
Responsible person: Susanne Rajtár-Stegmann

Contract title: Archaeological excavations in Hostie, Tlmače-Lipník, Čankov – Demandice, Nitra-Zobor, Dolné Krškany
Contract addressee: Západoslovenská vodárenská spoločnosť
Responsible person: Michal Cheben, Jozef Elgyutt, Petra Smetanová, Eva Fottová

Contract title: Archaeological excavation in Radoľa
Contract addressee: Kysucké múzeum Čadca
Responsible person: Marián Samuel

Contract title: Archaeological excavations in caves
Contract addressee: Cavern, s. r. o.
Responsible person: Marián Soják

Contract title: Archaeological excavation in Nové zámky
Contract addressee: Cesty Nitra
Responsible person: Marek Vojteček

Contract title: Archaeological excavation, Monastery Hronský Beňadik
Contract addressee: Biskupský úrad Nitra
Responsible person: Peter Bednár

Contract title: Archaeological excavation, castle Vinné
Contract addressee: Zemplínsko-užské združenie
Responsible person: Peter Bednár

Contract title: Archaeological excavation in Nové Zámky
Contract addressee: Styk servis, s. r. o.
Responsible person: Jozef Elgyutt

Contract title: Archaeological excavation in Sklabina
Contract addressee: Mivis
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Zlaté Moravce
Contract addressee: Dynamik
Responsible person: Marek Vojteček

Contract title: Archaeological excavation in Zvolen
Contract addressee: Mesto Zvolen
Responsible person: Róbert Malček

Contract title: Archaeological excavation in Modrý Kameň
Contract addressee: Mesto Modrý Kameň
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Bzovík
Contract addressee: Obec Bzovík
Responsible person: Ján Beljak

Contract title: Archaeological excavation in Nitra
Contract addressee: Swietelsky
Responsible person: Adrián Nemergut

Contract title: Archaeological excavation in Hontianska Vrbica
Contract addressee: PRODIS plus
Responsible person: Eva Fottová

Contract title: Archaeological excavation in Vráble
Contract addressee: remarkplast
Responsible person: Matúš Melo

Contract title: Archaeological excavation, Church Veľká Maňa
Contract addressee: Farnosť Maňa
Responsible person: Terézia Vangľová

Contract title: Archaeological excavation in Nitra
Contract addressee: Okresný súd Nitra
Responsible person: Peter Bednár, CSc.

Contract title: Geophysical excavation in Pustejov
Contract addressee: Slezská univerzita Opava
Responsible person: Michal Cheben

Contract title: Archaeological excavation in Branovo
Contract addressee: Slovenský vodohospodársky podnik
Responsible person: Matúš Melo

2.6.4. List of licences sold abroad and in Slovakia, incl. revenues

2.6.5. List of most important social discourses under the leadership or with significant participation of the institute (max. 10 items)

1.) Long-term engagement of the Institute in the process of investigation, protection and rescue of the archaeological cultural heritage in Slovakia. The Institute of Archaeology participates in these activities by means of its own systematic and rescue researches and extensive activities related to presentation and conservation of archaeological features. Participation of the Institute's employees in committees of the Ministry of Culture of SR and the Monuments Board of SR (committee for special professional competence licences, Sub-committee of the Monuments Board of SR) and their representation in the Archaeological Council of MC SR are also significant.

2.) In cooperation with the Slovak Archaeological Society, we organize a round table and public discussion, formulate particular suggestions in relation to the serious amendment to Act no. 49/2002 on the protection of monuments.

3.) In the evaluated period, the Institute of Archaeology issued 1587 expert statements related to construction activity which were addressed to regional monuments boards, construction authorities, villages, towns, natural persons as well as institutions. This expertise significantly influenced society.

4.) Besides direct scientific investigation activity, the Institute of Archaeology provides expert consulting for the state and companies at planning big or small construction projects. It issued 50 expert opinions related to the selection of construction sites or evaluation of finds during the monitored period.

5.) The Institute administers the richest database of archaeological sites – the Central Evidence of Archaeological Sites in Slovakia, as ordered by law. Registration data are used in government and public.

6.) We organize Days of Anton Točík (the founder of modern archaeology in Slovakia) and a competition for the best work by a young investigator in archaeology under 35. The Institute annually organizes a cycle of lectures and discussions for the professional as well as general public. Within a seminar, the Institute awards the best works by young investigators from Slovakia in the given year. The Institute also awards distinguished archaeologists from Slovakia and other countries.

7.) We inform the public of the latest results of science and research. Individual terrain excavation, the central office and its branches in Zvolen and Košice use forms of open days, regular press conferences and active participation in the Science Café and the Researchers' Night to present their results to the public. Individuals as well as teams of the Institute of Archaeology have been awarded for popularization of science within SAS several times.

8.) A complex of activities related to the 1150 anniversary of Ss Cyril and Methodius's arrival to the territory of Great Moravia – exhibitions (including the unique exhibition at the Vatican Museums), happenings, workshops, cycles of lectures. It all brought positive response from the public at home and abroad.

9.) Discussions regarding protection and destruction of archaeological sites on the territory of Slovakia, with special attention paid to the unique finds of Celtic-Roman architecture from the 1st century BC under the castle in Bratislava.

10.) Tomb in Poprad, a unique find of European importance. Its processing was approached as a model of extensive scientific and social cooperation. Several national and foreign scientific institutions, Slovak museums and art schools were involved in conservation, processing, evaluation and public presentation of this find. The public is regularly informed of the latest findings

of the investigation – the continuous exhibition was awarded as the Exhibition of the Year in the Slovak Republic. The tomb will be opened to the public in a special exposition.

2.6.6. Summary of relevant activities, max. 300 words

The Institute of Archaeology of SAS employs the highest number of experts in the field of archaeology who specialize in various forms of research and scientific activity. The Institute of Archaeology summarizes archives and evaluates occurrence of archaeological sites on the territory of Slovakia. Thanks to this activity, it is an institution which can provide consultations for state institutions and the private sector. The high number of expert opinions issued in relation to construction activities is the evidence of their close cooperation. Narrow specialization of the Institute of Archaeology's researchers is a guarantee of a high level of professionalism which is necessary to identify and protect the cultural heritage of Slovakia. As shown by the above mentioned data, work of the Institute of Archaeology of SAS is regularly presented in mass media of all levels – either in relation to scientific discoveries or rescue and protection of our cultural heritage.

Numerous exhibitions and expositions in Slovakia and abroad as well as the high number of various presentations of the latest investigation results in many discussions, lectures and events have a huge social impact. In the last years, our activities regarding building of archaeo-parks were more intense (in close cooperation with local authorities and NGOs). Besides experimental testing of various technologies, we can explain the results of investigations to the general public of all age groups.

Institute of Archaeology SAS employs the largest number of archaeologists in Slovakia. In monitored period its employees executed excavations and surveys at 819 locations with ongoing building activities. The excavations for scientific and documentation purposes were intensively carried out as well.

2.7. Popularisation of Science (outreach activities)

2.7.1. List of the most important popularisation activities, max. 20 items

Presentation in media. Employees of the Institute of Archaeology regularly inform about their activities in media. In 2013 Archaeological Institute has prepared educational DVD about archaeological sites for students in basic and high schools (M. Ruttkay: "**Archaeological finds and sites**". DVD Constantine and Methodius. Bratislava 2013).

Lectures at secondary grammar schools, secondary schools and primary schools with the aim to add new knowledge to the information in textbooks. Preparation of materials and study materials for history lessons at secondary and primary schools.

Open day at the Institute of Archaeology of SAS in Nitra. Every year, the Institute of Archaeology organizes a day for general public devoted to a selected topic with lectures and demonstrations of archaeologists' work as well as presentations of the most significant results from the previous year. The latest publications of the Institute of Archaeology are also presented to the public.

Science café and sweet shop. The employees of the Institute of Archaeology are regular guests of the Science café where they answer questions from the audience and try to explain their work and the latest discoveries in archaeology.

The Researchers' Night. The employees of the Institute of Archaeology participate in the Researches' Night every year. In three largest towns of Slovakia (Bratislava, Banská Bystrica, Košice), they present the results of work of archaeologists.

Summer school of archaeology. The Institute of Archaeology organizes the Summer school of archaeology at Pustý hrad (Deserted castle) in Zvolen. It is a project where archaeology students

from different European countries meet. In the last years, the project expanded in the Summer school of archaeology for seniors who were willing to try archaeologists' field work.

The festival of Cyril and Methodius in Bojná. Every July since 2013, the Institute of Archaeology, together with the village of Bojná, organizes a festival at the hillfort of Valy. It includes a visit at the investigation site, monuments' reconstructions and demonstrations of historical activities. The numbers of visitors are high and the response from the public is positive.

Participation in organizing various events for public. **Days of the Citizens of Nitra.** Every year, the Institute of Archaeology of SAS, in cooperation with the Municipality of Nitra, organizes various events where it presents results of its work and the latest discoveries.

Cooperation with societies and centres for leisure time activities. Domino – Centre for leisure time activities for children in Nitra, Zobor Beautifying Society.

Excursions for public. Every year, the Institute of Archaeology organizes several excursions to running archaeological excavation project for the public with expert commentary. The most popular sites include the castle of Nitra, Pustý hrad (Deserted castle) in Zvolen, the castle of Košice and others.

Building archaeo-parks for public. Bojná, Nitra "Martinský vrch", Liptovská Sielnica-Liptovská Mara "Havránok", Nižná Myšľa.

Competition of Quark magazine mainly for secondary schools who can win an excursion with expert commentary by employees of the Institute of Archaeology of SAS. Students from the Secondary Grammar School from Nové Mesto nad Váhom won the competition.

Exhibitions. Every year, the Institute of Archaeology participates in numerous exhibitions in Slovakia and abroad. In 2012 – 10 exhibitions; 2013 – 21 exhibitions; 2014 – 17 exhibitions; 2015 – 12 exhibitions were organized.

Title of exhibition: **Saint Cyril and Methodius – Patrons Saints of Europe**

Place: Vatican

Date: 12 November 2013 – February 2014

Evaluation: The exhibition presents the oldest evidence of the beginnings of Christianity in Slovakia. It is organized under the patronage of the Slovak Republic's Prime Minister Róbert Fico and the diocesan bishop of Nitra Mons. Viliam Judák who personally visited the exhibition's opening on the ground of the Vatican Museums. The Slovak National Museum in Bratislava and the Institute of Archaeology of SAS in Nitra, in cooperation with the Embassy of the Slovak Republic at the Apostolic See, are the main organizers of the exhibition held on the occasion of the 1150th anniversary of Cyril and Methodius's arrival in the territory of Great Moravia. The exhibition *Saint Cyril and Methodius – Patron Saints of Europe* was installed in the entrance part of the Vatican Museums and was open to the public until 26 January 2014 (PhDr. Ruttkay, M., CSc.)

Title of exhibition: **The Prince Tomb from Poprad. Conservation 2008-2012**

Place: Podtatranské Museum in Poprad

Date: 17 July 2013 – November 2014

Evaluation: Exhibition was organized in cooperation with Stiftung – Holsteinische Landesmuseen, Schloß Gottorf, Schleswig and Podtatranské Museum in Poprad (Pieta, K., Štolcová, T.)

Title of exhibition: **Open the Gates of Paradise. The Benedictines in the Heart of Europe 800-1300**

Place: The National Gallery in Prague

Date: 6 November 2014 – 15 March 2015

Evaluation: Cooperation at the exhibition (lent finds). The Order of Benedictines became an important social element in the Early Middle Ages. It is an exhibition where unique artifacts and written documents appeared (Blažová, E., Samuel, M., Ruttkay, M.).

Title of exhibition: **Mycenae and Central Europe. The Beginnings of European Civilizations in the Bronze Age.**

Place: Moravian Museum in Brno – Anthropos Pavilion

Date: 15 October 2014 – 16 August 2015

Evaluation: Cooperation at the exhibition (lent finds, Blažová, E., Olexa, L.). It is an international exhibition targeted at the Early Bronze Age.

Title of exhibition: **From Alexander to Tamerlane. Military Campaigns on the Silk Road.**

Place: Ostravské muzeum in Ostrava

Date: 18 December 2014 – 28 February 2015

Evaluation: Cooperation at the exhibition (lent finds). The exhibition deals with the topic of complex history of the Silk Road on the background of military events (Blažová, E., Ruttkayová, J., Ruttkay, M.).

Title of exhibition: **Great Moravia and the Beginn of Christianity**

Place: 28 November 2014 – 28. February 2015 Brno – Palace of Noble Ladies, Moravian Museum Brno; 17 April – 28 Jun 2015 Prague – Imperial Stables, Prague Castel; 7 August – 1 November 2015 - Bratislava Castle, Bratislava

Date: 2015

Evaluation: The international travelling exhibition *Great Moravia and the Beginnings of Christianity* was first opened in Brno in 2014, then it stopped in Prague and finally, it was presented in the Slovak National Museum – The Museum of History in Bratislava. Visitors could have seen almost 1,400 precious archaeological finds borrowed from 20 institutions from the Czech Republic, Moravia, Slovakia, Austria and Poland. The Institute of Archaeology of CAS in Brno was the chief organizer. The Institute of Archaeology of SAS provided most of the presented finds from the territory of Slovakia.

Title of exhibition: **Barbarian Graves at Prague-Zličín. The World of the Alive and the Dead in the Great Migration Period.**

Place: The City of Prague Museum

Date: 27 May 2015 – 14 February 2016

Evaluation: The Institute of Archaeology lent exhibits, created captions and the catalogue part of the lent finds (K. Pieta).

2.7.2. Table of outreach activities according to institute annual reports

Outreach activities	2012	2013	2014	2015	total
Articles in press media/internet popularising results of science, in particular those achieved by the Institute	108	136	85	136	465
Appearances in telecommunication media popularising results of science, in particular those achieved by the Institute	42	60	34	41	177
Public popularisation lectures	36	53	55	56	200

- **Supplementary information and/or comments on popularisation activities, max. 300 words**

In 2012-2015, the Institute of Archeology of SAS had 842 popularization outputs and 86 outputs in form of exhibitions and presentations.

Employees of the IA of SAS regularly inform about the results of their work in media. It is documented by 649 appearances, which means that in four evaluated years, approximately one report on archaeologists' work in two days occurred in media.

The Institute of Archaeology of SAS regularly informs the public of the latest investigation activities by means of media, lectures and exhibitions. In cooperation with the National Museum and regional museums, towns, villages and local authorities, it organizes exhibitions and provides exhibits. In the monitored period, 236 lending agreements with various institutions in Slovakia and 8 lending agreements with foreign institutions were concluded.

Employees of the Institute of Archaeology actively participate in lectures at primary and secondary schools. Lectures for various societies and libraries are also very popular.

The Institute of Archaeology closely cooperates with investors. In case of positive archaeological investigations, it provides presentations for employees by installing permanent expositions in administrative buildings, shopping centres and factories (Municipal Office in Dolné Lefantovce, Branč, TESCO Nové Zámky, TESCO Bratislava, ARAVER Nitra, Sered' – logistics centre of Lidl, Mochovce – administrative building of the nuclear power station, SONY – Nitra, Laugaricio Shopping Centre – Trenčín, etc.)

In the evaluated period, we started building three archaeo-parks in Bojná, Nižná Myšľa and Nitra. Their construction and presentation are connected with numerous other activities which present life in the past to visitors.

2.8. Background and management. Human resources and implementation of recommendations from previous assessment

2.8.1. Summary table of personnel

Personnel	2012	2013	2014	2015
All personnel	139,0	137,0	132,0	135,0
Research employees from Tab. Research staff	60,0	60,0	62,0	60,0
FTE from Tab. Research staff	48,940	53,950	51,710	54,130
Average age of research employees with university degree	49,5	48,9	48,8	49,7

2.8.1.1. Professional qualification structure (as of 31.12. 2015) FEMALE

FEMALE	AGE								
Number of	< 30	31 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	> 65
DrSc. / prof.									
II.a / Assoc. prof.				1			2		1
Other researchers PhD./CSc.	2	2	2	1					
doc. / Assoc. prof.								2	

2.8.1.2. Professional qualification structure (as of 31.12. 2015) MALE

MALE	AGE								
Number of	< 30	31 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	> 65
DrSc. / prof.								2	7
II.a / Assoc. prof.			3		1	1	3	2	3
Other researchers PhD./CSc.		2	3	1	1				
doc. / Assoc. prof.						2		1	

2.8.2. Postdoctoral and mobility scheme

2.8.2.1. Postdoctoral positions supported by national and international resources

2.8.2.2. Postdoctoral positions supported by external funding

The aim of the Institute of Archaeology is to create postdoctoral positions not only for doctoral students who finish their studies at the Institute of Archaeology but also for applicants from external environment. In the evaluated period, seven postdoctoral positions were created for the most part **from preventive/rescue archaeology gains**.

Mgr. Ondrej Žaár, PhD. (Constantine the Philosopher University, Nitra, Slovak Republic)

Grad. hist. Bibiána Hromadová, CSc. (Lomonosov University, Moscow, Russia)

Mgr. Adrián Nemergut, PhD. (Masaryk University, Brno, Czech Republic)

Mgr. Mária Tonková, PhD. (Constantine the Philosopher University, Nitra, Slovak Republic)

Mgr. Róbert Ölvecký, PhD. (Institute of Archaeology SAS/Comenius University, Bratislava, Slovak Republic)

Mgr. Marek Vojteček, PhD. (Institute of Archaeology SAS/Comenius University, Bratislava, Slovak Republic)

Mgr. Zuzana Poláková, PhD. (Institute of Archaeology SAS/Comenius University, Bratislava, Slovak Republic)

Mgr. Zbigniew Robak, PhD. (Jagiellonian University in Krakow, Poland)

2.8.2.3. SAS stipends and SASPRO stipends

In 2015, the Institute of Archaeology SAS acquired one foreign scientific collaborator supported by SASPRO scholarship. Dr. Péter Prohászka from Hungary has been employed in the Institute since 1 April 2015. His investigation project is called Archival records about archaeological sites, finds and hoards from the territory of Slovakia.

Since January 2016, we have obtained another SASPRO stipend for Dr. phil. Peter Christoph Rams from Austria. His investigation project is called Male Identifies in LaTène period cemeteries in the Middle Danube area.

2.8.2.4. Internal funding - the Slovak Academy of Sciences Supporting Fund of Stefan Schwarz

Workers of the Institute of Archaeology SAS have been successful in applying for the Supporting Fund of Stefan Schwarz since 2008. In the evaluated period, eight researchers participated in the project.

Mgr. Lucia Benediková, PhD. 2008 – 2013 (interrupted by maternity leave)

PhDr. Eva Horváthová, PhD. 2011-2014

Mgr. Mário Bielich, PhD. 2013 – 2016

Mgr. Jozef Ďuriš, PhD. 2013 – 2016

PhDr. Klaudia Daňová, PhD. 2015 – 2018

Mgr. Rastislav Hreha, PhD. 2015 – 2018

Mgr. Adrián Nemergut, PhD. 2015 – 2018

Mgr. Róbert Ölvecký, PhD. 2015 – 2018

In 2015 was accepted another candidate Mgr. Zbigniew Robak, PhD. who started from 2016.

2.8.3. Important research infrastructure (max. 2 pages)

In the evaluated period, the IA of SAS succeeded in taking an important step in increasing the quality, literally making a revolutionary change, in the scientific infrastructure. The stated change was made thanks to the extreme effort of several workers. The most important equipment was obtained in 2014 and 2015, thus, the effects of the change will be fully visible in the following evaluation.

The new devices will be used mainly to solve the projects within which they have been obtained (within the sustainability period). Now, they are used to solve other scientific research tasks – institutional, inter-institutional and transnational. Naturally, they are part of other suggested projects with participation of several institutions – e. g. the newly submitted projects of the structural funds – Constantine the Philosopher University, Slovak University of Agriculture, the Institute of Landscape Ecology of SAS, AGROCONS Banská Bystrica; another project Support of strategical research focused on biodiversity and adaptation to unfavourable effects of climate change, Slovak University of Agriculture, Technical University in Zvolen, ProPopulo Poprad s. r. o., Chateau Topoľčianky Vineyards and Winery s. r. o., Agrokarpaty s. r. o. Plavnica. Of course, they will be used in most of the internal investigative projects (VEGA, APVV) and to preserve and restore finds.

The equipment is used also in other projects where the Institute is a co-solver. They include international projects – terrain as well as theoretical – e. g. international researches related to the Stone and Bronze ages in Vrábľe, Roman marching camps, early medieval centres of power, etc.

Microscopes and xrf spectrometers were used to analyze finds from the investigation in Guatemala, numerous devices were used to study and process finds from Kuwait, magnetometres were used in the investigation of the Great Moravian hillforts in Moravia and settlements from the Stone Age in central Bohemia or the concentration camp in Sobibor, Poland, the georadar was

used to identify churches in Austria, etc. Other devices are part of the newly composed projects within the calls of INTERREG, Culture 2000 and Central Europe (Virtual Archaeology – Germany, Poland, Italy, Czech Republic, Austria, Croatia).

Thanks to successfully solved projects of the Structural Funds of EU, the Institute obtained the state-of-the-art infrastructure in the previous programming period which enabled and still enables us to make our investigation more effective. Here is a selection of laboratories:

Laboratory for terrain prospecting

The laboratory belongs to the longest working laboratories in the Institute and is one of the most experienced laboratories in the EU. Currently, it includes a large scale of prospecting methods including 3D data. It was there where systematic aerial and geophysical survey using LIDARs was introduced first in the EU. Today, the laboratory uses a system of georadars, magnetometers, 3D scanners, metal detectors, an octocopter, etc. (RTK GNSS rover system GPS – Leica CS 08, 3D scanner – terrain Faro; total stations; georadar X3M Sysem Kit 1). This enables us to identify extinct archaeological features, river side channels, mining features, etc.

The list of unique equipment/functional units with unit purchase price higher than 150,000 EUR (exclusive of VAT) which are part of the laboratory: LEICA C10 with accessories and software; magnetometer SENSYS – Mxcompact Data Acquisition Electronics with accessories.

Laboratory for 3D photogrammetry and visualization

The laboratory focuses on photogrammetric processing of feature and find photographs and their transfer to 3D environment – point cloud. It makes it possible to preserve the digital shape of photographed features and finds. It includes a photogrammetry studio for documenting archaeological artifacts with accessories and software; Data centre with software (Firewall with integrated application control) and network infrastructure (server, powerful service cables for reliable and safe access). The laboratory focuses also on modern and highly precise documentation of archaeological cultural heritage in several segments – small finds, ecofacts, standing architectures, archaeological sites. Today, the laboratory or the system of laboratories belong to the most effective laboratories in Europe. Besides documentation itself, new technological procedures in three-dimensional documentation are being developed there. A series of scanners connected to several working stations and skilled scientific personnel can specify access to individual finds regardless of their size. Not only are the results a base for detailed analysis, they can be used to visualize individual segments. As for the equipment, we can mention e. g. 3D optical scanner Comet L3D with accessories, 3D printers/software.

Laboratory for documentation and analyses

The laboratory is designed to provide sophisticated analysis of archaeological samples, ecofacts and finds. Thanks to the modern equipment, analyses can be carried out in the laboratory itself – in the past, it was necessary to order analyses from abroad. Moreover, the analyses are done immediately, without delays, which is essential for sensitive archaeological finds (often organic or soil sediments). Highly efficient equipment (SRF spectrometers Niton XL3t980 GOLDD+ with accessories; Keyence VHX-700F and other accessories; NIKON SMZ-800 with accessories, etc.) in the hands of our investigators and scientific technical workers have made the interdisciplinary processing of archaeological investigations highly effective. On the basis of XRF analysis in soil sediments, they can e. g. identify traces of ancient metallurgy, etc.

Laboratories for natural sciences

The Institute of Archaeology, as one of the first institutes in Europe, started to build an independent workplace for working with micro-remains of plants which help us identify food of ancient people and reconstruct the landscape as well as climate conditions. The submitted project has a new challenge – analysis of phytoliths which seems to be vital for the extinct settlements. The standard work of the laboratory includes archaeobotanical identification of grown plants, weeds, ligneous plants. In this laboratory, ancient textiles are also analyzed as well as their production technologies. The equipment of the laboratory contains mainly modern microscopes – Niton XL3t980 Gold, Nikon SMZ-800, NIKON SMZ 18 with numerous accessories.

2.8.4. Description of how the results and suggestions of the previous assessment were taken into account

In its scientific investigation, the Institute makes an effort to take the recommendations of the last Accreditation Commission into account to their full extent.

1. Increase the effort to publish synthetic expert works:

In the evaluated period, we observe an increased number of monographs and remarkably higher number of synthetic works. Annual increase are 32,85 publication outputs.

2. Better use of the European investigation space, manily focus on attracting cooperative partners from the neighbouring states:

Although we are convinced that we had achieved excellent results in this part in the past, the increased number of contracts of cooperation in scientific investigation as well as the number of projects with the neighbouring countries can be documented.

On the other hand, the cooperation with more distant countries (Bulgaria, Germany, Great Britain, France, Russia, Kuwait, China) has been developing successfully. Institute has contact with all important European institutions through publication exchange, as well as through conference, workshop and exhibition organisation.

3. Improving the qualifications structure

In the monitored period, we managed to provide a higher number of scientific workers and a relatively high increase in the number of habilitations as well as scientific promotions to category IIa – independent scientific worker. One DrSc procedure was successfully finished in spring 2016 and two more DrSc. theses are prepared to be submitted. In total, the Institute has one of the highest numbers of DrSc titles among the institutes of social sciences and humanities in SR.

roky	DrSc.	CSc.-PhD.	prof.	doc.
2008	9	25	4	4
2009	9	26	4	4
2010	9	37	4	4
2011	9	37	4	5
2012	9	39	4	5
2013	9	39	4	5
2014	9	39	4	6
2015	9	40	4	7

4. Consistently process reports according to the set criteria (publications in correct categories)

Classification of publication outputs is subject to multiple inspection (ending with the Central Library of SAS), thus, publications should not be wrongly classified (there are no particular examples from the recent period or the Institute classified some outputs in lower categories).

5. Planning projects on more specific topics

We are convinced that the Institute submits enough projects on narrower (more specific) topics which is documented by the relatively high number of our successful applications with all types of grant agencies.

- **Supplementary information and/or comments on management, research infrastructure, and trends in personnel development**

The managers of the Institute follow the positive trends from the previous evaluated periods. No significant changes have been made in the internal structure of the Institute. The biggest change, mostly caused by general technological progress, is creation of 3D workplaces and development of this discipline in the field of archaeology. Creating information systems required changes in our attitude to evidence and documentation of extensive investigation funds. There, digitized forms of work have been fully adopted which is in accordance with the newly set standards in European archaeology.

In its research infrastructure, the Institute has recorded a literally revolutionary positive change that has never happened in the history of the workplace before. The research infrastructure is on the European state-of-the-art level.

Despite varying state finances, the Institute maintains stability. Slight changes in the personnel structure were made to enforce the category of scientific workers and specialists in new technologies. Naturally, the changes will bring their fruit in the following evaluation period. Nevertheless, even now the collaborators can make their results more effective by means of using information from the Institute's intranet (information on investigations, sites, finds, access to digital versions of various publications, etc.). This is possible thanks to the high quality of the Institute's management at all its levels. On the practical level, we try to outsource services and finance them directly from projects (washing and drawing of finds, editing of documentation, etc.).

3. Research strategy and future development of the institute for the next five years (2016-2020) (Recommended 3 pages, max. 5 pages)

3.1. Present state of the art in both the national and the international contexts

In its more than 70-year-long existence, the Institute of Archaeology gradually became a top scientific institute with great reputation. Nationally, it is reflected in its engagement and predominant position in the field of basic research – as ordered by law, the Institute administers and manages the Central Evidence of Archaeological Sites of Slovakia, which is a basis for issuing decisions in construction procedures within all scientific research projects from the field of spatial archaeology. It is a leader in creating new methods of investigation and in use of interdisciplinary approaches.

In cooperation with two universities, the Institute provides doctoral education in the field of archaeology and participates in bachelor education. Many of our workers teach at Slovak and foreign universities. They are represented in scientific boards of the most respected Slovak universities and other research institutions and committees.

The IA of SAS also has its representatives in all important panels related to archaeological cultural heritage, including the President of the Archaeological Council of the Ministry of Culture of SR. Our collaborators are regularly invited as arbiters in expert and public discussions dealing with history, archaeology and protection of cultural heritage.

The distinguished international position of the Institute is documented, besides others, by participation of its employees in numerous workplaces, selection and evaluation committees abroad.

The higher number of investigations in cooperation with foreign institutions which are usually financed mainly from foreign funds is very positive. Modern investigations of one of the oldest settlements of urban character in Europe (Vráble-Fidvár, Early Bronze Age - + RGK Frankfurt), beginnings of metallurgy in Europe (Špania Dolina, Ľubietová + University and Museum in Bochum), breakthrough discoveries from the investigation of early medieval hillforts (+ Goethe

University Frankfurt) or laboratory investigations of the princely tomb in Poprad-Matejovce (+ museums in Schleswig) have received a considerable response abroad.

The Institute regularly organizes respected international conferences and meetings of various committees or the European Archaeological Council (2011 and 2016).

3.2. Research strategy of the institute in the national and the international contexts, objectives and methods

The concept for the following period:

The Institute of Archaeology of SAS has a clearly determined concept of investigation for the next 5 years. Many steps in the future, however, can be significantly influenced by events uncontrollable by the Institute (law on transformation into science-research institutions, law on SAS and assigned funds from the budget of SAS). The concept logically follows from the current work of the Institute's management, from several successes – development of doctoral studies (usually more positions than assigned), approved and successfully solved projects of APVV, EU structural funds, effectivity in MVTS, Culture and DFG projects, SASPRO, Schwarz's Fund and VEGA, increased publishing activity and the number of important investigations and, naturally, successful progress of great international cooperation.

In the currently evaluated period, no funds were assigned for purchases of equipment, reconstruction of buildings or necessary maintenance. Finances for salaries are only sufficient to cover their basic components. In spite of this bad situation, the Institute has a development strategy which is only achievable by means of adding external finances from various types of projects. The main goal is to carry out scientific investigative activity to the full extent of prehistoric, early medieval and early Modern History archaeology in form of science research projects and in accordance with the currently followed concept. The fundamental element is creating favourable conditions for investigation and a pressure to create quality investigation projects and their successful concluding.

At our workplace, basic research must be our priority; nevertheless, applied research is also important. Actually, the border between the two spheres in archaeology is often very unclear.

In theoretical investigation, we will try to emphasize more effective work and take steps to more intense publication activity. Simply, on average, each scientific worker publishes at least one monograph or a study in the size of a monograph in three years.

We will definitely continue in the trend of processing older investigations either in form of main tasks or doctoral, diploma and bachelor theses. Terrain research and independent theoretical researches are considered of equal importance and inseparable parts of investigation; our task is to connect them and make them overlap. It will be necessary to elaborate and test new investigative procedures and, most of all, insist on quality and fast publishing of the results in both spheres. Rescue researches should be carried out within business activities and systematic investigations should be part of special national or international projects. As for the current terrain investigations, we will focus mainly on the following sites – Bojná, Vráble, Zvolen-Pustý hrad (Deserted castle), Dolné Vestenice, Čierne Kľačany, Nižná Myšľa, Divinka, Santovka, Nitra, Zemplín.

We consider further development of non-destructive prospecting methods and interdisciplinary cooperation extremely important.

Tasks of scientific research

All our scientists must actively participate in the scientific research process. It is highly recommended that the supervisors of investigating teams be more active to join solving investigation projects at home and abroad where we will apply for projects H2020 (mainly teaming and twinning). It will be necessary to be more active in relation to winning APVV projects as well as bigger science investigation international tasks which are sufficiently funded. We must also continue our practice of solving "smaller" VEGA projects which are still an important pillar of investigation and also a sort of guarantee of stable basic financing of the workplace's needs. To keep the performance of the Institute on the current level, it will be vital to apply for projects financed from SF EU in the field of research and development, despite RIS 3, which is rather

unfavourable for our field of study. We will also try harder to join more challenging projects within Norwegian financial mechanism or Swill funds, Cross-border cooperation – INTERREG, Central Europe, Culture, etc. Projects are an ideal opportunity for the young generation to participate in scientific research and managing process and it is also one of the options how to obtain funds to employ graduate PhD students.

In the last few years, we managed to obtain funds (mostly from business activities) part of which are a reserve for complementary financing of the still low budget and part of which will be used for narrowly focused Institute's projects with strict rules of result publishing (verification of find situations, etc.). We will support projects of terrain research. They must be a testing environment for new investigative procedures. Greater investigation projects must be led by experienced investigators as project managers with appropriate interest and sufficient scientific team. The obtained funds must be sufficient to attract quality technical workers as well as related and highly necessary natural science analyses.

In archaeological investigation, we consider complex evaluation of smaller regions important – beginning with systematic surveys, in depth and critical analyses of older find funds, processing new finds, to reconstruction of settlement and the original landscape. The most recent activities within the SF project and the new edition of outputs are good examples.

Maximum support will be provided for the principal journals Slovenská archeológia and Študijné zvesti. We will provide regular publishing and attempt to include them in the SCOPUS database. Support of all current editions of the Institute is obvious. We will promote more intense cooperation with disciplines of natural science, mainly in activating inter-institutional cooperation but also in support of certain specializations at the Institute itself.

Personnel policy:

In our personnel policy, we will try to achieve balanced representation of investigation of individual specializations.

Our goal is to stabilize the number of employees, in spite of restrictive measures, we are not going to agree with downsizing. Of course, newly-coming workers will initiate basic rotation (retirements, reduced working hours). We will attempt to attract, like we do now, new graduates from Slovak as well as foreign universities. We will continue in getting posts by means of the SASPRO programme, Schwarz's Fund, etc. Within doctoral studies, we will continue in the successful trend of assigning theses topics for doctoral students which are related to the periods where Slovakia has a deficit or which come from the environment of the best teams. It is also important to continue offering non-processed source funds for bachelor and diploma theses.

Our important task is to increase qualifications at all levels of our Institute. It is positive that the number of specialist workers is falling and the number of scientific workers is increasing (recently from 42 to 51). As many researchers meet the criteria of the category of supervising scientific worker (e. g. Březinová, Fusek, Hunka, Kaminská, Ruttkay, Soják, Varsik, Zábajník), we must motivate them to apply for promotion. We will also encourage them to build their investigation teams – scientific schools.

We will also have to consider possible participation of bachelors in the scientific research process or in the so-called special services (documentation, conservation, interdisciplinary fields, etc.). We will do our best to attract good graduates of conservation science in our chemical laboratories and to enforce the department of scientific and technical information and conservation laboratories.

It will also be important to further increase the quality of technical workers. Specialist and scientific workers will participate in this effort with their enthusiasm. We must find ways to better evaluation of all groups of workers and continue with the current systems of evaluation of the science research activities.

International cooperation

The Institute definitely belongs to the workplaces of SAS which can be proud of active international cooperation. No big changes are necessary here. International schools of archaeology and many other investigation projects within cooperation with renowned institutions are a sufficient guarantee of the good course of the Institute. In the last two years only, approx. 15 international contracts were added. After the renewed field and scientific data processing pilot season in Kuwait was accomplished earlier this year, a renewed contract of long-term cooperation with this partner is being prepared. Cooperation with China, Guatemala, Kazakhstan and France should be concluded soon. We are also negotiating about the field research activities in Sudan. Today, it seems vital to

join mainly European supporting programmes and use more bilateral agreements, mostly with the neighbouring countries. Intensification of contacts with Belarus, Lithuania and states of the former Russian Federation, Italy, Slovenia, Croatia, Macedonia, Greece and Bulgaria is also very topical.

Structure of management

We are not planning any significant changes in the organizational structure, maybe with the exception of an independent 3D laboratory and a department of projects targeted mainly on administration of complicated bureaucratic procedures in European projects. The scientific direction of the Institute will be modified in close cooperation with the Science Board of the IA SAS. In the current structure, the Coordination Board whose members will be all heads of departments, the Science Board President and possibly some nestors of archaeology will play an important role.

Technical equipment

In the last years, the technical equipment of the Institute was improved thanks to the benefits from investors' investigations but mainly thanks to the projects of SF EU. Several total stations were added as well as equipment for digitization of documentation, professional programme packs, numerous computer technology, metal detectors, cars, super precise GPS, etc. We have provided quality 3D scanners of finds, a modern magnetometer, georadars, microscopes, XRF spectrometers, conservation laboratories' equipment, cameras, GPS devices, computers, storage devices, etc. This is one of the reasons why we are more and more frequently asked to cooperate with many universities and investigation workplaces which, in spite of SF projects, do not have such equipment (e. g. Faculty of Natural Science of Comenius University, Forest research Institute Zvolen, Faculty of Ars Comenius University in Bratislava, Constantine the Philosopher University in Nitra). New opportunities for bilaterally beneficial cooperation open here.

Branches

We consider the current spatial scheme of the Institute Nitra – Košice – Spišská Nová Ves, Zvolen and Bratislava almost convenient. The question of a branch in the north of Slovakia (Martin, Žilina, Liptovská Mara?) is still open. In case that we find quality and active applicants, the branch will be opened. Its complex financing (all costs including salaries) must be fully covered by our business activity, like in the case of Zvolen. Of course, the branches will also work on detailed investigation of small regions.

Department of scientific and technical information

Documentation:

We consider the documentation of the IA SAS one of the basic sources and resource materials for scientific investigation. It is necessary to take many inevitable steps (some of them have already been taken), especially:

- gradually finish digitization of the whole documentation fund of documents and slides and negatives of terrain and objects, save at least one copy in a safe place
- in 2016 we will finish CEANS of the remaining districts of Nové Mesto nad Váhom, Piešťany
- make the documentation materials accessible for collaborators of the Institute via an internal network (first part in the next few months). In the first round, it will apply to various resources – mapping, digitized photos of terrain and finds, aerial military photos owned by the Institute, various maps and outputs from the central evidence of archaeological sites
- in the case of the area in Nitra “Martinský vrch”, we should continue transferring finds to the newly reconstructed buildings and quality scientific depositories and we should provide X-ray photos or CT scans of all endangered finds
- attempt to renew information flow from the organizations certified to execute archaeological investigations to the IA SAS's documentation (after Act no. 49/2002 on protection of the monuments fund was passed, this information flow was rather limited)
- use the air-conditioned interim storage area in Akademická Street more intensely; objects seriously threatened by corrosion and disintegration should be deposited there, in optimum temperature and humidity
- try to submit preliminarily processed find funds to the regions of their origin
- after testing, start the Information System of the IA SAS and the Museion system

Library

We will further support obtaining publications in form of exchange and purchase important foreign literature using the funds from the project and business activities. We are going to put pressure on individual international projects to include (if technically possible) purchase of literature. It has proved very useful recently. We will continue filling the newly introduced library system (finish all older data). Via the intranet, we will gradually make all publications by the Institute accessible in PDF format and provide web publishing of complete issues of our journals immediately after they are issued.

Business activity

We will further support business activity in all spheres where possible within the foundation charter – terrain research, expert opinions, exhibitions and expositions. In the terrain research, we are planning to gradually exclude so-called small constructions (family houses, short utility lines, etc.) from the portfolio of the IA SAS. We will attempt to win orders with more probable positive archaeological results.

Incomes from the business activity will be used mostly to support scientific research projects, purchasing literature, improving investigation environment, etc.

Popularization

Science cannot exist without a clearly defined relation to the public. Popularization of archaeology in the conditions of SAS can by no means be considered useless. It is just the opposite – correct presentation of results of our investigation to the general public, we must defend state funding of science and support interest in our ancient history. This will later support activities of various civic associations focused on study and promotion of the results of archaeological investigation.

Selected goals in the field of popularization:

- finish and publish (in cooperation with the selected publisher or on the internet) the Encyclopaedia of Slovak Archaeology (2017)
- continue presenting archaeological monuments of Iža, Liptovská Mara, Bojná, Nitrianska Blatnica, Nižná Myšľa, Nitra with a special focus on Nitra “Martinský vrch”
- prepare projects and possible realization of archaeo-parks in Bojná and Nižná Myšľa (in cooperation with self-governing regions)
- support smaller archaeological exhibitions all over Slovakia
- try to build an archaeo-park and museum in the area of former barracks below Nitra “Martinský vrch”, partially within Creative Industry.

Project proposals submitted to 7RP or H2020	2012	2013	2014	2015
Institute as coordinator				
Institute as participant				

4. Other information relevant for the assessment

The above mentioned data are only part of extensive activities done by the Institute in the field of investigation as well as protection of cultural heritage.

More attention should also be paid to the questions of economy. Field archaeological research is an organizationally, technically and mainly financially demanding process. A considerable part of the assigned project funds covers the costs of research – machinery, archaeological workers, travel and daily allowances, analyses, etc. This is one of the reasons why the IA of SAS has its own technical and economic administration. Moreover, the Institute does not receive any central funds for maintenance of its premises (more than 20 buildings in the whole territory of Slovakia) or for expensive equipment; even the regular operation costs are only covered for 4 months of the workplace's operation. These deficits must be solved by funds from external environment.

The Institute also builds and manages the largest archaeological library in Slovakia which is one of the largest libraries in Central Europe as well. It obtains new publications by purchases and, most often, in exchange for its own production. The annual increment is approx. 980 books. Currently, the fund contains 36 330 monographs, 27 340 periodicals and 19 360 other prints. The library has an on-line catalogue accessible via the internet. By the end of 2015, 614 readers were registered, the number of visitors in 2012-2015 was 6 958 and 9 443 publications were lent.

The scientific-technical documentation administers records of research not only of the IA of SAS but also other institutions executing research in the territory of Slovakia. Currently, it contains 18 998 investigation reports, more than 400 000 negatives, slides or digital photographs and thousands of other materials. A great proportion of them is part of the newly introduced information system. Since the end of 2015, all information on investigations and all parts of investigation reports must be included in the information system. On the one hand, it brings safety of the submitted data, but on the other hand, it makes the data easily accessible for theoretical research. According to access privileges, the data are available to the employees of the Institute but also to external researchers; selected data are available to the general public as well.

The Institute takes advantage of the opportunity given by the law on SAS and carries out business activity as allowed by the foundation charter. First of all, it carries out rescue research – it is a very competitive environment in Slovakia (it is more and more difficult to obtain the research and the pressure to keep the costs low is not a positive factor either, as it influences the quality of researches). Thanks to this activity, we are able to carry out excavations which could not be financed otherwise (Bratislava castle, Nitra castle, highway D1, etc.). A financial bouns used exclusively for the purposes of scientific research is also worth mentioning.

In general, it is clear that the Institute's research have brought unique knowledge in many areas – the Eneolithic in Eastern Slovakia, a settlement of urban character from the Early Bronze Age in Vráble, absolutely new dating and interpretation of early medieval hillforts (Pobedim, Majcichov, Bíňa, Bojná ...) etc. which have influenced not only scientific investigation but also the general public and have been implemented in the process of education rather quickly. This brings positive influence on the society's interest in our culture and spiritual values.

Nitra 5. August 2016

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