

# 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

1.2. URL of the institute web site

1.3. Executive body of the institute and its composition

Directoriat	Name	Age	Years in the position
Director			
Deputy director			
Scientific secretary			

1.4. Head of the Scientific Board

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									0,0		
Number of PhD students									0,0		
Total number									0,0		

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
Organisation in whole										
Unit 1										
Unit 2 ...										

#### 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>					
Other Salary budget <i>[thousands of EUR]</i>					

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

#### 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)

## **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)
- 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
- 2.1.3. List of monographs/books published abroad
- 2.1.4. List of monographs/books published in Slovakia
- 2.1.5. List of other scientific outputs specifically important for the institute, max. 10 items

- 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, CD Collaboration, 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 ( <i>ADMA, ADMB, ADNA, ADNBN</i> )													0,0			
Scientific monographs and monographic studies in journals and proceedings published in Slovakia ( <i>ADEA, ADEB</i> )													0,0			
Chapters in scientific monographs published abroad ( <i>ABC</i> )													0,0			
Chapters in scientific monographs published in Slovakia ( <i>ABD</i> )													0,0			
Scientific papers published in journals registered in Current Contents Connect ( <i>ADCA, ADCB, ADDA, ADDB</i> )													0,0			
Scientific papers published in journals registered in Web of Science Core Collection and SCOPUS ( <i>ADMA, ADMB, ADNA, ADNBN</i> )													0,0			
Scientific papers published in other foreign journals (not listed above) ( <i>ADEA, ADEB</i> )													0,0			
Scientific papers published in other domestic journals (not listed above) ( <i>ADFA, ADFB</i> )													0,0			
Scientific papers published in foreign peer-reviewed proceedings ( <i>AEC, AECA</i> )													0,0			
Scientific papers published in domestic peer-reviewed proceedings ( <i>AED, AEDA</i> )													0,0			
Published papers (full text) from foreign and international scientific conferences ( <i>AFA, AFC, AFBA, AFDA</i> )													0,0			
Published papers (full text) from domestic scientific conferences ( <i>AFB, AFD, AFBB, AFDB</i> )													0,0			

- **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)									0,0		
Citations in SCOPUS (1.2, 2.2) if not listed above									0,0		
Citations in other citation indexes and databases (not listed above) (1.2, 2.2)									0,0		
Other citations (not listed above) (3, 4, 3.1, 4.1)									0,0		
Reviews (3, 4, 3.1, 4.1)									0,0		

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

**2.2.4. 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).**

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

## **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.**

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

**2.3.3. List of edited proceedings from international scientific conferences.**

**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**

**2.3.4.4. not included in databases**

- **National position of the institute**

**2.3.5. List of selected projects of national importance**

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

- 2.3.7. Projects of the Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA)
- 2.3.8. Projects of SAS Centres of Excellence
- 2.3.9. National projects supported by EU Structural Funds
- 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
- 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
  - 2.3.12. List of researchers who served as members of the organising and/or programme committees
- 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
  - 2.3.14. List of researchers who served as members of organising and programme committees of national conferences
  - Supplementary information and/or comments documenting the international and national status of the Institute
- 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 – 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, work package leader, investigator),

Start	Project title	Project number	Duration in months	Funding for the Organisation (EUR)	Role of the Organisation
2012					
2013					
2014					
2015					

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

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

- National projects and their funding**

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

Start	Project title	Project number	Duration in months	Funding for the Organisation (EUR)	Role of the Organisation
2012					
2013					
2014					
2015					

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				
Funding in the year (EUR)				

- **Summary of funding from external resources**

**2.4.6. List of projects supported by EU Structural Funds**

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

Year	Project title	Project number	Duration in months	Funding for the Organisation (EUR)	Role of the Organisation
2012					
2013					
2014					
2015					

External resources	2012	2013	2014	2015	total	average
External resources (millions of EUR)					0,000	
External resources transferred to cooperating research organisations (millions of EUR)					0,000	

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

**2.5. PhD studies and educational activities**

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

**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 thesis, 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												
PhD students	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted
Internal												
External												
Other supervised by the research employees of the institute												

### 2.5.3. Summary table on educational activities

Teaching	2012	2013	2014	2015
Lectures (hours/year) <sup>3</sup>				
Practicum courses (hours/year) <sup>3</sup>				
Supervised bachelor thesis (in total)				
Supervised diploma thesis (in total)				
Supervised PhD thesis (in total)				
Members in PhD committees (in total)				
Members in DrSc. committees (in total)				
Members in university/faculty councils (in total)				
Members in habilitation/inauguration committees (in total)				

### 2.5.4. List of published university textbooks

### 2.5.5. Number of published academic course books

### 2.5.6. List of joint research laboratories/facilities with universities

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

## 2.6. Social impact

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



- 2.6.2. List of the most important studies commissioned for the decision-making authorities, the government and NGOs, international and foreign organisations
- 2.6.3. List of contracts and research projects with industrial and other commercial partners, incl. revenues
- 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)
- 2.6.6. Summary of relevant activities, max. 300 words

## 2.7. Popularisation of Science (outreach activities)

- 2.7.1. List of the most important popularisation activities, max. 20 items
- 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 Organization					0
Appearances in telecommunication media popularising results of science, in particular those achieved by the Organization					0
Public popularisation lectures					0

- Supplementary information and/or comments on popularisation activities, max. 300 words

## 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	1,0			
Research employees from Tab. Research staff	0,0	0,0	0,0	0,0
FTE from Tab. Research staff	0,000	0,000	0,000	0,000
Average age of research employees with university degree				

#### 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. <sup>5</sup>									
II.a / Assoc. prof. <sup>6</sup>									
Other researchers PhD./CSc.									
doc. / Assoc. prof.									

#### 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. <sup>5</sup>									
II.a / Assoc. prof. <sup>6</sup>									
Other researchers PhD./CSc.									
doc. / Assoc. prof.									

#### 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 external funding

2.8.2.3. SAS stipends and SASPRO stipends

2.8.2.4. Internal funding - the Slovak Academy of Sciences Supporting Fund of Stefan Schwarz

2.8.3. Important research infrastructure (max. 2 pages)

2.8.4. Description of how the results and suggestions of the previous assessment were taken into account

- Supplementary information and/or comments on management, research infrastructure, and trends in personnel development

### **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

3.2. Research strategy of the institute in the national and the international contexts, objectives and methods

Project proposals submitted to 7RP or H2020	2012	2013	2014	2015
Institute as coordinator				
Institute as participant				

### **4. Other information relevant for the assessment**