

Curriculum Vitae

Personal information

First and last name: Veronika Lackova

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Education

08/2017 – PhD

Faculty of Science, Pavol Jozef Safarik (PJS) University, Kosice, Slovakia

06/2013 – Master

Faculty of Humanities and Natural Sciences, Department of Physics, Mathematics and Techniques, Presov University in Presov, Slovakia

Current position/positions

01/2023 – senior scientific researcher, preparation and characterization of liquid crystal mixture with magnetic nanoparticles, Institute of Experimental Physics, Slovak Academy of Sciences (IEP SAS), Kosice, Slovakia

Previous positions

09/2017 – 12/2022 – scientific researcher, preparation and characterization of liquid crystal mixture with magnetic nanoparticles

IEP SAS, Kosice, Slovakia

04/2017 – 07/2017 – scientific researcher, studying the small-angle neutron scattering techniques, experiments and data analysis

JINR, Dubna, Russian Federation

05/2016 – 08/2016 – scientific researcher, studying the small-angle neutron scattering techniques, experiments and data analysis

JINR, Dubna, Russian Federation

07/2013 – scientific researcher, studying the small-angle neutron scattering techniques, experiments and data analysis

JINR, Dubna, Russian Federation

Scholarships and awards

07/2023 – 06/2024 – SAS Return Project Scheme for Parents Returning to Work after Maternity or/and Parental Leave – SAS Bratislava, Slovakia

2022 – award for the 2021 results of the international scientific research for the team of the Department of Magnetism at IEP SAS for the results in the field of magnetic nanoparticles changing the properties of traditional materials where I was a member of the research group – SAS, Slovakia

06/2018 – 05/2023 – Stefan Schwarz Support Fund – SAS Bratislava, Slovakia (project was interrupted for 2 years due to maternity leave)

2018 – the third place in Competition of young physicists by Slovak Physical Society (SPS) during the 23rd Conference of Slovak Physicists

2016 – the third place in Competition of young physicists by SPS during the 22nd Conference of Slovak Physicists

Student and post-docs supervision (if applicable)

2017 – 2021 – 1 PhD Student (as a consultant)

Faculty of Science, PJS University, Kosice, external educational institution
IEP SAS, Kosice, Slovakia

2021 – till now – 1 PhD Student (as a consultant)

Faculty of Electrical Engineering and Informatics, Technical University, Kosice,
external educational institution IEP SAS, Kosice, Slovakia

Organisation of scientific meetings

2020 – organizing secretary for BioNano Smart 2020 international conference in Stara Lesna, Slovakia, 32 participants

Reviewing activities

2019 – Reviewer, IEEE Transactions on Magnetics, United States

2023 – Reviewer, European Physical Journal E, United States

RNDr. Veronika Lacková, Ph.D., graduated from the Faculty of humanities and natural sciences, University of Presov in the teacher training program in Physics and English language and literature in 2013. During study she was active in experimental research as reflected in her diploma thesis experimentally conducted at PJS University in Kosice dealing with the study of heat capacity of selected intermetallic compounds. Since 2013 till 2017 she was a PhD student at the Faculty of Sciences, PJS University in Kosice in Physics of condensed matter and acoustics. Her dissertation was developed at the Institute of Experimental Physics of Slovak Academy of Sciences (IEP SAS), where she was engaged in the study of macroscopically anisotropic systems. Since 2017 till 2022 she was a young researcher at Department of Magnetism, IEP. Since 2023 she has been acting as a senior researcher. During doctoral study she completed 2 short terms (2x3 months) abroad stays at JINR Dubna. She attended several summer schools where she obtained the related certificates: e.g., Summer student program JINR Dubna Russia (2014) and 2nd Poznan School of Physics of NanoMagnetism POSNAMAG, Poland (2017). Based on her experimental proposals she was granted with beam times at the world recognized organizations: JINR Dubna, DESY Hamburg, ILL Grenoble, where she utilized neutrons and X-rays to investigate the structure and colloidal stability of liquid crystals doped with magnetic nanoparticles. Her research results were awarded e.g., the second in Competition of young researchers at IEP SAS (2014, 2015), the third in Competition of young physicists SPS (in 2016 and 2018), as well as the SAS award for the 2021 results of the international scientific research for the team of the Department of Magnetism IEP SAS for the results in the field of magnetic nanoparticles changing the properties of traditional materials where she was a member of the research group. Besides, she received a scholarship from the Stefan Schwarz Supporting Fund from the SAS presidium for supporting young scientist in 2018. She was also the responsible

researcher of the bilateral project with the partner organization Wigner Research Centre for Physics in Budapest (2019-2021). Dr. Lackova actively participates in the presentation of her results at national and international conferences and workshops, where she presented the search results by oral and poster presentations. She is the author and co-author of 39 SCI publications with a citation response 177 in the WOS database.