

**DECISION DOCUMENT**  
**on co-funding of Slovak – Serbian joint research projects**  
**in the period 2017 – 2018**  
**held by correspondence in 2017**

***I. Introduction***

Based on the Agreement between the Government of the Slovak Republic and Federal Government of the Federal Republic of Yugoslavia on Scientific and Technological Cooperation, signed on February 26, 2001 in Bratislava, on the DECISION DOCUMENT on co-funding of Slovak – Serbian joint research projects in the period 2015 – 2016 held by correspondence in January 2015 and on the Call for submitting proposals for common research and development projects supporting the collaboration between organizations in the Slovak Republic and the Republic of Serbia announced by the Slovak Research and Development Agency and by the Ministry of Education, Science and Technological Development in 2016, the two Parties realize:

***II. Evaluation of joint Slovak – Serbian project proposals***

The Slovak Party received 55 (fifty-five) proposals for joint research projects, 3 (three) of them did not pass the formal control. The Serbian Party received 53 (fifty-three) proposals for joint research projects, 1 (one) of them did not pass formal conditions.

The project proposals were peer reviewed by each Party.

52 (fifty-two) project proposals were thus considered for co-funding.

***III. Approval of joint Slovak – Serbian projects for funding in 2017 - 2018***

Based on the results of the evaluation of the project proposals both Parties came to an agreement that according to the peer review screening 17 projects listed in Annex I, which is an integral part of this Decision Document, shall be jointly funded for the period of maximum two years. The research mobility exchanges for both parties should be finished up to December 31, 2018 at the latest.

***Administrative conditions of cooperation***

Slovak researchers are required to present annually to the Slovak Research and Development Agency and Serbian researchers to the Ministry of Education, Science and Technological Development a comprehensive report dealing with joint work performed within each project during the given year according to the requirements of the responsible institutions.

Upon termination of the project a final report of the results achieved will be submitted to the responsible institutions.

Regarding the publication of the achievements of the joint work and on the possible registration of the intellectual property rights, decisions will be made in conformity to the laws and rules in effect in each country, on the basis of mutual agreements reached in due time by participating institutions.

Financial support to the approved projects will be granted by both Parties.

The Slovak Party will finance mobility costs for each project up to the maximum of 2350 €/calendar year/project and 4700€ for full period of the project realization/project.

The Slovak Party will provide:

- travel expenses up to the level of economy class return air ticket price for Slovak researchers to travel to the Republic of Serbia;
- health insurance for Slovak researchers during their stay in the Republic of Serbia;
- daily allowances for Serbian researchers in the Slovak Republic in accordance with the Slovak Law on Reimbursement of Travel Expenses (Art. 283/2002);
- accommodation for Serbian researchers in Slovakia up to maximum 100 €/night);
- possible relevant travel expenses, daily allowances and accommodation for Slovak researchers who accompany Serbian researchers in Slovakia
- conference fees
- other relevant expenses connected to travel and transportation services (visa fees ...)

The Serbian Party will finance costs for each project up to 2000 €/calendar year/project and up to 4000 € for full period of the project duration/project.

The Serbian Party will provide:

- travel expenses to the Slovak Republic for Serbian researchers up to the level of return air ticket price – economy class
- accommodation and daily allowances up to 100 €/night for Slovak researchers in the Republic of Serbia and local travel costs;
- the Serbian researchers who perform exchange visits on the basis of this document should arrange adequate insurance for emergency, illness or accidents for the time of their stay in the Slovak Republic, prior to their arrival

In case that either of the Parties is not able to provide financial support for certain year, the Party in question will inform the other Party of this situation in writing.

In such case, the Party able to provide financial support may decide to cover all costs of visits just of their scientists to the partner country, including travel costs, daily allowances, accommodation and insurance if appropriate. Daily allowances, accommodation and insurance should be covered within the limits of the approved project funding. The final decision for such occasional change of the financial conditions of the project will be taken by the national funding organization.

***IV. The National Institutions in charge of coordination and implementation of this Decision Document are:***

***In the Slovak Republic:***

Ministry of Education, Science, Research and Sport of the Slovak Republic

Division of Science and Technology

Department of International Cooperation in Science and Technology

Stromová 1, 813 30 Bratislava

Tel.: 00421 2 59374723

Fax : 00421 2 59374720

e-mail: [zuzana.hlavacikova@minedu.sk](mailto:zuzana.hlavacikova@minedu.sk)

[www.minedu.sk](http://www.minedu.sk)

and:

Slovak Research and Development Agency

Mýtna 23, P.O.Box 839 04

839 04 Bratislava 32



Tel.: 00421 2 57204502  
Fax: 00421 2 57204599  
e-mail: [sona.ftacnikova@apvv.sk](mailto:sona.ftacnikova@apvv.sk)  
[www.apvv.sk](http://www.apvv.sk)

***In the Republic of Serbia:***

Ministry of Education, Science and Technological Development  
Department for International Cooperation and European Integration  
Nemanjina 22-26  
11 000 Belgrade  
Republic of Serbia  
Tel: +381 11 3616 529  
Fax: +381 11 3616 529  
e-mail: [zeljka.dukic@mpn.gov.rs](mailto:zeljka.dukic@mpn.gov.rs)  
[www.mpn.gov.rs](http://www.mpn.gov.rs)

***V. Date and place of the next Joint Commission Meeting***

The Parties agreed that the next Call for Proposals for the period of 2019 - 2020 will be announced in the first half of 2018 if appropriate.

The next meeting of the Slovak – Serbian Joint Commission for Scientific and Technological Cooperation will be agreed via correspondence.

The two Parties agreed to exchange the texts of their respective Calls for Proposals in the English language no later than 7 days prior to their publication. The Parties also agreed to send the list of proposals received on their side within 20 working days from the closure of the Call.

The present Decision Document was signed by correspondence in February 2017, in two copies in the English language.

For the Ministry of Education, Science,  
Research and Sport of the Slovak  
Republic

For the Ministry of Education, Science and  
Technological Development of the Republic  
of Serbia

  
Marek Hajduk  
Director General  
Division of Science and Technology

  
Prof. dr Vladimir Popović  
State Secretary of the Ministry of Education,  
Science and Technological Development

Date:

Date:



## LIST OF THE SELECTED PROJECTS 2017 - 2018

## ANNEX I

No.	Project Title	Slovak Principal Investigator	Slovak Applicant	Serbian Principal Investigator	Serbian Applicant
SK-SRB-2016-0038	Antibacterial polymeric nanocomposites fibers based on carbon nanomaterials	Mgr. Zdenko Špiralský, Ph.D.	Slovak Academy of Sciences, Polymer Institute	Dr. Biljana Todorovic-Marković	Vinča Institute of Nuclear Sciences - University of Belgrade
SK-SRB-2016-0053	Design of logistics tools for project development of transport systems on the base of green logistics	prof. Ing. Daniela Marasová, CSc.	Technical University of Kosice	Prof. dr Ivica Ristović	Faculty of Mining and Geology - University of Belgrade
SK-SRB-2016-0055	Analysis and comparison of iron particles extracted from biological cells and tissues and synthesized iron oxides particles	doc. RNDr. Martin Koptáni, Ph.D.	Comenius University in Bratislava	Dr. Marin Tadić	Vinča Institute of Nuclear Sciences - University of Belgrade
SK-SRB-2016-0003	Adaptation of parallel WobInGO framework for protection of cloud and grid computing systems by computational intelligence	prof. RNDr. Jiří Pospíchal, DrSc.	University of Ss. Cyril and Methodius in Trnava	Dr. Miliš Ivanović	Faculty of Sciences - University of Kragujevac
SK-SRB-2016-0036	Influence of microstructure on machining performance high-chromium cast iron	doc. Ing. Marcela Pokusová, CSc.	Slovak University of Technology in Bratislava	Prof. dr Pavel Kováč	Faculty of Technical Sciences - University of Novi Sad
SK-SRB-2016-0002	C-Au chemical bond in gold ion implanted polyethylene: DFT modeling and experiment	RNDr. Andrej Antušek, Ph.D.	Slovak University of Technology in Bratislava	Dr. Miliš Nenadović	Vinča Institute of Nuclear Sciences - University of Belgrade
SK-SRB-2016-0028	Assessment and improvement of nutritional quality of feed resources	doc. Ing. Mária Chrenková, CSc.	National Agricultural and Food Centre	Dr. Đuro Vukmirović	Institute of Food Technology - University of Novi Sad
SK-SRB-2016-0030	Fractional-order signal processing and applications	Ing. Tomáš Škovránek, Ph.D.	Technical University of Kosice	Dr. Vladimir Despotović	Technical Faculty in Bor - University of Belgrade
SK-SRB-2016-0024	Increasing of effectiveness of the railway transport services using the decision-support systems	doc. Ing. Peter Márton, Ph.D.	University of Zilina	Dr. Sanjin Milinković	Faculty of Transport and Traffic Engineering - University of Belgrade
SK-SRB-2016-0006	Ecological analytical methods for pesticide residues investigation and for degradation studies in food and plant materials	doc. Ing. Svetlana Hrouzková, Ph.D.	Slovak University of Technology in Bratislava	Prof. dr Sanja Lazić	Faculty of Agriculture - University of Novi Sad
SK-SRB-2016-0054	Research on the state of gear teeth surface made from 3D printing at low load operation.	Ing. Ján Danko, Ph.D.	Slovak University of Technology in Bratislava	Prof. dr Radivoje Mitrović	Faculty of Mechanical Engineering - University of Belgrade
SK-SRB-2016-0035	Experimental, theoretical and simulation studies of the breakdown mechanism in radiofrequency microdischarges in compressed ambient and synthetic air	RNDr. Matej Kias, Ph.D.	Comenius University in Bratislava	Dr. Branslav Radenović	Institute of Physics Belgrade - University of Belgrade
SK-SRB-2016-0021	Quantitative analysis of syllables in Slavic languages (Russian, Slovak, Serbian)	doc. Mgr. Ján Mačutek, Ph.D.	Comenius University in Bratislava	Prof. dr Ivan Obradović	Faculty of Mining and Geology - University of Belgrade
SK-SRB-2016-0031	Role of IL-6/IL-6R/IL-1 axis in adipose tissue mesenchymal stromal cells-mediated breast cancer cells stemness	Mgr. Lucia Kučerová, Ph.D.	Biomedical Research Center	Dr. Drenka Trivanović	Institute for Medical Research - University of Belgrade
SK-SRB-2016-0023	Glycan biomarkers analysis as a tool for biomedical research, follow-up and diagnosis of tumor diseases	Ing. Jaroslav Katrík, Ph.D.	Slovak Academy of Sciences, Institute of Chemistry	Dr. Dragana Robajac	Institute for the Application of Nuclear Energy (INEP) - University of Belgrade
SK-SRB-2016-0001	Zeolite-based adsorbents for environmental remediation	prof. Dr. Ing. Eva Chmielewská, CSc.	Comenius University in Bratislava	Prof. dr Nevenka Rajić	Faculty of Technology and Metallurgy - University of Belgrade
SK-SRB-2016-0045	Integration of artificial intelligence methods into innovative milling processes	prof. Ing. Jitkó Maňková, CSc.	Technical University of Kosice	Prof. dr Marin Gostimirović	Faculty of Technical Sciences - University of Novi Sad