

**EXECUTIVE PROGRAMME
FOR SCIENTIFIC AND TECHNOLOGICAL COOPERATION
BETWEEN
THE ITALIAN REPUBLIC AND THE REPUBLIC OF SERBIA
FOR THE YEARS 2016-2018**

In accordance with the article n.8 of the Agreement on the Scientific and Technological Cooperation between the Government of the Republic of Serbia and the Government of the Italian Republic, signed in Rome, on December 21st 2009, and entered into force on February 5th 2013, the II Session of the Italian-Serbian Joint Commission was held in Belgrade on November 16th 2015 to examine the present state and further development of scientific and technological cooperation between the two Countries and to define the Executive Programme for the years 2016-2018.

The Italian delegation was headed by H.E. Giuseppe Manzo, Ambassador of Italy in the Republic of Serbia, and the Serbian delegation was headed by the Dr. Srđan Verbić, Minister of Education, Science and Technological Development of the Republic of Serbia.

The members of the two delegations are listed in **Annex I**.

The institutions in charge of the co-ordination of the present Executive Programme, hereinafter referred as to the "Parties", are:

For the Italian Party: Ministry of Foreign Affairs and International Cooperation, Directorate General for the Country Promotion (Economy, Culture and Science),



For the Serbian Party: Ministry of Education, Science and Technological Development.

The following agenda items of the Joint Commission were adopted by the Parties:

1. Review of Scientific and Technological Cooperation between the two Countries
2. New Executive Programme
 - 2.1 Projects for the Exchange of Researchers and Financial Provisions
 - 2.2 Joint Research Projects of Particular Relevance
3. Final provisions.

1. Review of the Scientific and Technological Cooperation between the two Countries

The Parties have agreed to recognize the growing importance of science and technology with the respect to the economic, social and cultural relations between the two Countries. The Parties, considering the good relationships between the two Countries, place particular emphasis on the role

of international cooperation and stressed the need to further develop and promote bilateral cooperation in the field of science and technology. They also agreed to favour and extend the cooperation in international and European multilateral R&D programmes, with particular regard to the Horizon 2020 Programme of the European Union.

2. New Executive Programme

In the period between **April 27th – June 12th, 2015** a joint call for proposals was launched to collect project proposals in the following priority areas:

1. Basic Sciences
2. Health and Well-being
3. Agriculture and Food Technology
4. Secure, Clean and Efficient Energy - Environmental Development and Protection
5. Information and Communication Technologies, including technologies applied to Cultural Heritage
6. Advanced Manufacturing and Processing, Nanotechnology and Biotechnology.

The criteria adopted in selecting the joint research projects were:

- Scientific relevance of the project
- Methodology and documentation
- Qualification of the applicants
- Added value of the bilateral cooperation
- Social and developmental added value
- Use and dissemination of results
- Budget adequacy (only for the projects of “Particular Relevance”).

2.1 Projects for the Exchange of Researchers and Financial Provisions

Based upon the above mentioned criteria, 10 projects for the exchange of researchers have been selected.

The list of the selected projects is given in **Annex II**.

The general administrative and financial provisions for the implementation of the Programme are given in **Annex III**.

2.2 Joint Research Projects of “Particular Relevance” (“Progetti di Grande Rilevanza” ai sensi della l. 401/90)



In addition to the bilateral projects listed in **Annex II**, the Italian Party may consider granting a financial contribution to 7 significant bilateral research projects. The financial contributions are intended to partly cover the research activities of the projects. Financial support will be granted to the Italian partners upon evaluation of the applications to be submitted according to indications that will be given by the Italian Party. The list of the selected projects is given in **Annex IV**.

3. Final provisions

The Parties agreed to hold the next session of the Joint Commission in Belgrade in the year 2018. Details of the next session of the Joint Commission, such as date, agenda, etc. will be agreed upon through diplomatic channels.

This Executive Programme for the period 2016 - 2018 will remain valid until the coming into force of the next Executive Programme, but no longer than one year after its expiration. Any amendment to the text of this Executive Programme has to be authorized by the competent Ministries in both Countries and has to be carried out through diplomatic channels.

All initiatives foreseen in this Executive Programme will be carried out within the limits of the budgets and according to the rules prevailing in each Country.

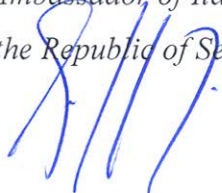
Annexes I, II, III and IV are attached hereto and are integral parts of the present document.

Signed in Belgrade on November 16th 2015, in two originals in the English language, each text being equally authoritative.

For the Italian Party

H.E. Giuseppe Manzo

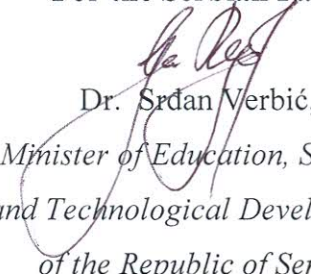
*Ambassador of Italy
in the Republic of Serbia*



For the Serbian Party

Dr. Srdan Verbić,

*Minister of Education, Science
and Technological Development
of the Republic of Serbia*



Annex I

MEMBERS OF THE TWO DELEGATIONS

ITALIAN DELEGATION

H.E. Giuseppe Manzo

*Ambassador of Italy
in the Republic of Serbia*

Dr. Paolo Battinelli

*Science Attaché
Italian Embassy*

SERBIAN DELEGATION

Dr. Srđan Verbić,

*Minister of Education, Science
and Technological Development
of the Republic of Serbia*

Prof. Dr. Viktor Nedović

*Assistant Minister for
International Cooperation and
EU Integration
Ministry of Education, Science
and Technological Development
of the Republic of Serbia*

Dr. Svetlana Bogdanović

*Senior Adviser
Ministry of Education, Science
and Technological Development
of the Republic of Serbia*

Annex II

PROJECTS FOR EXCHANGE OF RESEARCHERS SELECTED WITHIN THE FRAME OF THE EXECUTIVE PROGRAMME OF SCIENTIFIC AND TECHNOLOGICAL COOPERATION BETWEEN THE ITALIAN REPUBLIC AND THE REPUBLIC OF SERBIA FOR THE YEARS 2016-2018

Research area	Project title	Italian partner	Serbian partner
Basic Sciences	<i>Testing Extended Theories of Gravity at different astrophysical scales</i>	CAPOZZIELLO SALVATORE Università di Napoli "Federico II" Dipartimento di Fisica	BORKA DUŠKO Vinča Institute of Nuclear Sciences University of Belgrade
Basic Sciences	<i>Alpha-synuclein intracellular trafficking in vivo and in vitro: cross-talk between endoplasmic reticulum and mitochondria</i>	CATTANEO ANTONINO Scuola Normale Superiore Laboratorio di Biologia	MARKOVIĆ IVANKA Institute of Medical and Clinical Biochemistry University of Belgrade
Health and Well-being	<i>Determination of a common reference protocol for the evaluation of the efficacy in bacterial inactivation of atmospheric pressure plasma jets designed for biomedical applications</i>	COLOMBO VITTORIO Università di Bologna Dipartimento di Ingegneria Industriale	ZORAN Lj. PETROVIĆ Institute of Physics Belgrade
Health and Well-being	<i>Discovery and optimization of new antiparasitic compounds to treat and control malaria and leishmaniasis, to be used in both human and veterinary medicine.</i>	BASILICO NICOLETTA Università di Bologna Dipartimento di Ingegneria Industriale	ŠOLAJA BOGDAN Faculty of Chemistry University of Belgrade
Agriculture and Food Technologies	<i>Development and improvement of polysaccharide-based films for potential application in food packaging</i>	MALINCONICO MARIO CNR - Istituto di Chimica e Tecnologia dei Polimeri Compositi e Biomateriali	KALAGASIDIS KRUSIĆ MELINA Department of Organic Chemical Technology, Faculty of Technology and Metallurgy,

			University of Belgrade
Agriculture and Food Technologies	<i>Microencapsulation of saffron extracts as innovative ingredients for healthy and functional foods</i>	PITTIA PAOLA Dipartimento di bioscienze e tecnologie agro-alimentari Università di Teramo	DJORDJEVIĆ VERICA Faculty of Technology and Metallurgy University of Belgrade
Secure, Clean and Efficient Energy – Environmental Development and Protection	<i>N-doped TiO₂ and ZnO for application in photovoltaics and photocatalysis</i>	SANNINO DIANA Università di Salento Dipartimento di Ingegneria Industriale	SAVIĆ SLAVICA Institute for Multidisciplinary Research University of Belgrade
Information Communication Technologies, including technologies applied to Cultural Heritage	<i>Scientific and technological cooperation between Sapienza University of Rome and University of Belgrade in the area of Cultural Heritage</i>	GIGANTE GIOVANNI ETTORE Scienze di Base e Applicate per l'Ingegneria Università di Roma "Sapienza"	POPOVIĆ ZORAN Center for Solid State Physics and New Materials, Institute of Physics University of Belgrade
Information Communication Technologies, including technologies applied to Cultural Heritage	<i>Enhancing E-Learning with Advanced Human-Computer Interaction Facilities</i>	PORTA MARCO Dipartimento di Ingegneria Industriale e dell'Informazione Università di Pavia	KLASNJA-MILIČEVIĆ ALEKSANDRA Department of Mathematics and Informatics University of Novi Sad
Advanced Manufacturing and Processing, Nano&Biotechnologies	<i>Nanobiosensor for organophosphate pesticides (OPs) determination in water</i>	MARRAZZA GIOVANNA Università di Firenze	VASIĆ VESNA Vinča Institute of Nuclear Sciences University of Belgrade

Annex III

GENERAL ADMINISTRATIVE AND FINANCIAL PROVISIONS

The bilateral projects to be financed for the exchange of researchers within the present Programme are exclusively those mentioned in **Annex II**.

For each project listed in Annex II, 1 short-term stay (up to 10 days) in Italy and 1 short-term stay (up to 10 days) in Serbia may be financed yearly within the limits of the available annual resources of each Party.

The researchers will be entitled to the exchange only if they hold the Italian nationality (or any EU nationality and resident in Italy) for those who travel to Serbia and the Serbian nationality (or any EU nationality and resident in Serbia) for those who travel to Italy.

The costs of accommodation and living shall be covered by the receiving Party, while the costs of international travel up to the host institution shall be covered by the sending Party.

The receiving Party shall provide medical insurance coverage, on the basis of the rules in force in each Country, against work accidents and illnesses, excluding already existing and chronic diseases. At the end of each year, the Italian researchers and the Serbian researchers have to submit a report on the activities carried out during their visits to both the Italian Ministry of Foreign Affairs and International Cooperation and the Serbian Ministry of Education, Science and Technological Development. The reports must be signed by both Italian and Serbian project coordinators involved in the joint research project. Funding for the next year will not be granted if the coordinators fail to submit their progress reports.

VISIT OF SERBIAN RESEARCHERS TRAVELLING TO ITALY

The Serbian Party will pay the international travel expenses to researchers holding Serbian nationality (or any EU nationality and resident in Serbia). The supplied tickets will be the most economical ones available for the trip, economy class (2nd class) flight/train/ride. Any additional cost shall be borne by the researchers.

STAY OF SERBIAN RESEARCHERS IN ITALY

The date of the visit should be agreed between the visiting researchers and the host Italian coordinator. Serbian researchers may obtain the authorization for the visit from the Italian Ministry of Foreign Affairs and International Cooperation only by submitting application form online at the following link: <http://web.esteri.it/ricercatori/default.asp>.

An invitation letter from the host Italian Institution, signed by the Italian coordinator, must be uploaded to the online application. The Italian Ministry of Foreign Affairs and International

Cooperation, after checking the application for accuracy, if necessary funds are available, will authorize the visit and pay for the visit allowance. The Italian Ministry of Foreign Affairs and International Cooperation will timely inform the Italian Embassy in Belgrade, the Serbian researcher and the Italian project coordinator. The application must be submitted **at least two months before the scheduled visit**.

Any cancellation of the visit by the researcher, unless due to serious and valid reasons, might prevent the hosting Party from accepting further applications for subsequent missions.

The Italian Party shall a contribution of 93,00 Euro per day for short-term stays (up to 10 days). The above-mentioned amounts shall be paid to the Serbian researchers entirely in one instalment at their arrival in Italy. Serbian researchers will receive their grants at the nearest Provincial Treasury (local branch of the Banca d'Italia).

VISIT OF ITALIAN RESEARCHERS TRAVELLING TO SERBIA

Italian researchers travelling to Serbia for a research stay are required to submit the online application to the Unit for Scientific and Technological Cooperation – Directorate General for Country Promotion (Economy, Culture and Science) of the Italian Ministry of Foreign Affairs and International Cooperation at:

<http://web.esteri.it/ricercatori/ricercatoriItaliani/Start.asp>

Applications must be submitted to the Italian Ministry of Foreign Affairs and International Cooperation **no later than 45 days prior to the foreseen date of departure**. Details of the above mentioned rules and the online application are available on the web site of the Ministry of Foreign Affairs and International Cooperation at:

http://www.esteri.it/mae/it/politica_estera/cooperscientificatecnologica/programmiesecutivi/mobilitaricercatori/mobilitaricercatoriitaliani.html

The Italian Party will pay the international travel expenses to researchers holding Italian nationality (or any EU nationality and resident in Italy). The supplied tickets will be the most economical ones available for the trip. Any additional cost shall be borne by the researcher.

STAY OF ITALIAN RESEARCHERS IN SERBIA

The Serbian Party will finance, yearly, for each project listed in Annex 2, 1 short-term stay (up to 10 days) . The Serbian Party shall a contribution of 90,00 Euro (converted into RSD) per day for short-term stays (up to 10 days). The above-mentioned amounts will be paid to the host institution

for Italian researchers entirely in one instalment at their arrival in Serbia. Italian researchers will receive their grants from the host institution in Serbia.

REPORTS ON THE PROJECT

At the end of each year the Italian and the Serbian coordinators will jointly report on the progress of their project. Funding for the next year will not be granted if the coordinators fail to submit their progress reports.

The Italian coordinators have to submit the reports in .pdf to the Italian Ministry of Foreign Affairs and International cooperation (*DGSP – Unità per la Cooperazione Scientifica e Tecnologica: ricercatori.italiani@esteri.it*)

The Serbian coordinators have to submit the reports to the Ministry of Education, Science and Technological Development.

Annex IV

RESEARCH PROJECTS OF PARTICULAR RELEVANCE SELECTED WITHIN THE FRAME OF THE EXECUTIVE PROGRAMME OF SCIENTIFIC AND TECHNOLOGICAL COOPERATION BETWEEN THE ITALIAN REPUBLIC AND THE REPUBLIC OF SERBIA FOR THE YEARS 2016-2018

Research area	Project title	Italian partner	Serbian partner
Basic Sciences	<i>Biophysical study of the effects induced by carbon ion beams and secondary particles produced by nuclear fragmentation</i>	CUTTONE GIACOMO Istituto Nazionale di Fisica Nucleare LNS	RISTIĆ FIRA ALEKSANDRA Vinča Institute of Nuclear Sciences University of Belgrade
Basic Sciences	<i>A nanoview of radiation-biomatter interaction</i>	BOLOGNESI PAOLA Istituto di Struttura della Materia C.N.R.	TOSIĆ SANJA Institute of Physics University of Belgrade
Health and Well-being	<i>Imaging labelled biomaterials for cell-therapy follow-up by Magnetic Resonance Imaging</i>	DIGILIO GIUSEPPE Dipartimento di Scienze e Innovazione Tecnologica Università del Piemonte Orientale	STEVANOVIĆ MAGDALENA Institute of Technical Sciences Serbian Academy of Sciences and Arts
Health and Well-being	<i>Innovative therapy for aggressive head and neck tumors</i>	DAMANTE GIUSEPPE Dipartimento di Scienza Mediche e Biologiche Università di Udine	MILASIN JELENA Facoltà di Odontoiatria University of Belgrade
Agriculture and Food Technologies	<i>Smart monitoring of pesticides in farming areas</i>	LECCESE FABIO Dipartimento di Scienze Università di Roma Tre	ĐUROVIC-PEJECEV RADA Institute of Pesticides and Environmental Protection
Secure, Clean and Efficient Energy – Environmental Development and Protection	<i>Learning Economics. Modelling community-led local development for the sustainable economic trajectories</i>	BATTAGLINI ELENA Associazione B.Trentin (ex IRES) - ROMA	ZIVKOVIĆ JELENA Faculty of Architecture University of Belgrade

<p>Advanced Manufacturing and Processing, Nano&Biotechnologies</p>	<p><i>Human-Robot Co- Working as a Key Enabling Technology for the Factories of Future</i></p>	<p>ODDO CALOGERO MARIA</p> <p>Scuola Superiore Sant'Anna The BioRobotics Institute</p>	<p>PETROVIĆ PETAR</p> <p>Faculty of Mechanical Eng.,, Lab. for Cyber- Manufacturing Systems University of Belgrade</p>
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