

EXECUTIVE PROGRAMME FOR SCIENTIFIC AND TECHNOLOGICAL CO-OPERATION BETWEEN THE ITALIAN REPUBLIC AND ROMANIA FOR THE YEARS 2013-2014

Within the framework of the Agreement on Cultural and Scientific Cooperation between the Government of the Italian Republic and the Government of Romanian Republic, signed in Bucharest on October 21st, 2003 and entered into force on March 10th, 2006, the Italian-Romanian Joint Commission was held in Bucharest on October 8th, 2013 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 2013-2014.

The Italian delegation was headed by H.E. Mario Cospito, Ambassador of Italy in Romania on behalf of Directorate General for the Country Promotion (Economy, Culture and Science), Ministry of Foreign Affairs, and the Romanian delegation was headed by Mrs Anca Ghinescu, Director – Department of European Integration and International Co-operation – National Authority for Science Research – Ministry of Education, Research, Youth and Sports. The members of the two delegations are listed in **Annex 1**.

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, Directorate General for the Country Promotion (Economy, Culture and Science),

For the Romanian Party: National Authority for Science Research – Ministry of Education, Research, Youth and Sports

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
3. Projects for the Exchange of Researchers and Financial Provisions
4. Final provisions.

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

The Parties recognize the growing importance of science and technology with respect to the economical, social and cultural relations of the two countries.

The Parties, considering the good relationships between the two countries, stressed the need to develop and promote bilateral co-operation in the field of science and technology further for the mutual benefit.

Both Parties place particular emphasis on the role of international co-operation for the further development of the scientific and technological system in the two countries. They have also agreed to increase their efforts towards an enhanced cooperation under the frame of international and multilateral research and development programs, initiatives and networks like: FP7, Horizon 2020, Eureka, Eurostars, COST, Central European Initiative and others.

2. New Executive Programme

In the period between 1st of September and 15th of October 2011, a joint call for proposals was launched in order to receive project proposals in the following priority areas:

- Basic Sciences
- Biotechnologies
- Energy and Environment
- Information and Communication Technologies
- Materials and Nanotechnologies
- Technologies applied to cultural heritage

The criteria used in the selection process were the following:

- Scientific relevance of the research project
- Methodology and documentation
- Qualification of the applicants
- Added value of the bilateral cooperation
- Added value for social and human development
- Exploitation and dissemination of results

2.1 Selected Projects

Based upon the above mentioned criteria, 10 bilateral research projects for the exchange of researchers have been selected to be granted with financial support.

The list of the selected projects is given in **Annex 2**.

The general administrative and financial provisions for the implementation of the Programme are given in **Annex 3**.

3. Final provisions

The two Parties agreed to hold the next session of the Joint Commission in 2014, in Rome.

Details of the next session of the Joint Commission, such as the exact date, agenda, etc. will be agreed upon through diplomatic channels.

This Executive Programme for the period 01/01/2013 – 31/12/2014 (two years) will remain valid until the date when the next Executive Programme will come into force, but no longer than one year after its expiration.

Any amendment to the text of this Executive Programme has to be authorised by the competent Ministries in both countries and has to be notified 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 national rules prevailing in each country.

Annexes 1, 2, and 3 are attached hereto and are integral parts of the present document.

Signed in Bucharest, on October 8th 2012, in two originals in the English language.

ANNEX 1

Members of the two delegations

Italian delegation	Romanian delegation
H.E. Mario Cospito , Ambassador of Italy in Romania on behalf of Directorate General for the Country Promotion (Economy, Culture and Science), Ministry of Foreign Affairs	Mrs Anca GHINESCU , Director – Department of European Integration and International Co-operation – National Authority for Science Research – Ministry of Education, Research, Youth and Sports.
Mr. Ezio Peraro , Cultural Attaché of the Embassy of Italy and Director of the Italian Cultural Institute of Bucharest	Mrs Alexandra VANCEA , Counsellor for European Affairs – Department of European Integration and International Co-operation – National Authority for Science Research – Ministry of Education, Research, Youth and Sports.
Mrs. Angela Loi , Head of the European, Social and Cultural Sectors at the Embassy of Italy in Romania	Mrs Claudia MUREA Expert – Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI)

ANNEX 2

**Projects for Exchange of Researchers selected within the frame of the
Executive Programme of Scientific and Technological Co-operation between
the Italian Republic and Romania for the years 2013 - 2014**

Project Title	Scientific domain	Romanian Coordinator	Italian Coordinator
Multifunctional Molecular Nano-systems	BS	ANDRUH Marius University of Bucharest	CANESCHI Andrea University of Firenze -
Laser beams interaction with micro droplets having controlled content	BS	PASCU Mihail – Lucian National Institute for Laser, Plasma and Radiation Physics, Bucharest	FERRARI Michele CNR - IENI (GE)
HYDROPEM-Hydrogen production for proton exchange membrane fuel cells	EE	EBRASU Daniela National Institute for R&D in Cryogenic and Isotope Technologies Ramnicu-Valcea	BASILE Angelo CNR – ITM (CS)
A coupled wave-current operational model on the Black Sea	EE	STANICA Adrian National Institute for R&D in Marine Geology and Geoecology – GeoEcoMar Bucharest	UMGIESSER Georg CNR – ISMAR (VE)
Accurate modelling of CRLH (Composite Right/Left Handed) transmission lines and new design methods of related circuits	ICT	SIMION Stefan Military Technical Academy Bucharest	BARTOLUCCI Giancarlo University of Rome "Tor Vergata"
Designing Cloud-based Self-healing Cyber-Physical Systems	ICT	MICLEA Liviu Technical University Cluj-Napoca	PRINETTO Paolo Ernesto Politecnico of Turin
Ordered Soft Materials: Electrical, optical and dielectric spectroscopy characterization	MN	IONESCU Anca-luiza Politehnica University Bucharest	SCARAMUZZA Nicola University of Calabria
Investigation of new BaO-TiO-FeO multiferroics: from material design to magnetoelectric applications	MN	MITOSERIU Liliana "Alexandru I. Cuza" University Iasi	BUSCAGLIA Vincenzo CNR - IENI (GE)
Advanced techniques and interdisciplinary studies for improved assessment of historical parchment documents	TACH	BUDRUGEAC Petru National Institute for R&D in Electrical Engineering Bucharest	VITALE-BROVARONE Alessandro University of Turin
Peptaibiotics, an alternative to beta-lactam antibiotics: design, synthesis, bioactivity and textile functionalization	BT	OANCEA Simona "Lucian Blaga" University Sibiu	FORMAGGIO Fernando University of Padua

BS = Basic Sciences

EE = Energy and Environment

MN = Materials and Nanotechnologies

BT = Biotechnologies

ICT = Information Communication Technologies

TACH = Technologies Applied to Cultural Heritage

ANNEX 3

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 2.

For each project listed in Annex 2, 1 short-term stay (up to 10 days) and 1 long-term stay (30 days) in Italy and 1 short-term stay (up to 10 days) and 1 long-term stay (30 days) in Romania 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 nationality of one of the two countries signing this Executive Programme, or if they hold an EU nationality and are legally resident in one of the two countries.

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.

Within 15 days after finishing their visit, the Italian researchers have to submit to the Italian Ministry for Foreign Affairs a final report on the activities carried out.

The Romanian researchers have to submit the reports to the Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) according to the national regulations.

The reports must be signed by both the Italian and Romanian visiting researchers involved in the joint research project.

VISIT OF ROMANIAN RESEARCHERS TRAVELLING TO ITALY

The Romanian Party will pay the international travel expenses to researchers holding Romanian nationality (or an EU nationality and resident in Romania).

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 ROMANIAN RESEARCHERS IN ITALY

The date of the visit (both for long and short terms) should be agreed between the visiting researchers and the host Italian coordinator.

Romanian researchers may obtain the authorization for the visit from the Italian Ministry of Foreign Affairs (MAE) only by submitting application form online at this url:

<http://www.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 for Foreign Affairs, after checking the application for accuracy, if covering funds are available, will authorize the visit and pay for the visit allowance; the Italian Ministry for Foreign Affairs will inform the Italian Embassy in Romania, the Romanian researcher and the Italian project coordinator. The application must be submitted at least two months before the scheduled date of the visit.

Details of the above mentioned rules and the online application are available on the web site of the Ministry of Foreign Affairs:

http://www.esteri.it/MAE/EN/Politica_Estera/CooperScientificaTecnologica/ProgrammiEsecutivi/MobilitaRicercatori/MobilitRicercatoriStranieri.htm?LANG=EN

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 will finance, yearly, for each project listed in Annex 2, 1 short-term stay (up to 10 days) and 1 long-term stay (30 days).

The Italian Party shall provide 1300,00 Euro per month for long-term stays (30 days) and 93,00 Euro per day for short-term stays (up to 10 days). The above-mentioned amounts shall be paid to the Romanian researchers entirely in one instalment at their arrival in Italy.

Romanian researchers will receive their grants at the nearest Provincial Treasury (local branch of the Banca d'Italia).

VISIT OF ITALIAN RESEARCHERS TRAVELLING TO ROMANIA

Italian researchers travelling to Romania 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 at this url: <http://www.esteri.it/ricercatori/ricercatoriItaliani/Start.asp>.

Applications must be submitted to the Italian Ministry of Foreign Affairs no later than two months 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:

http://www.esteri.it/MAE/IT/Politica_Estera/Cultura/CooperScientificaTecnologica/ProgrammiEsecutivi/MobilitaRicercatori/MobilitaRicercatoriItaliani.htm

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 ROMANIA

The Romanian Party will finance, yearly, for each project listed in Annex 2, 1 short-term stay (up to 10 days) and 1 long-term stay (30 days).

The Romanian Party shall provide accommodation and daily allowance for long- and short-term visit of the Italian scientists, according to the legislation in force.

For the stay of the Italian scientist in Romania, a daily allowance of 60 RON will be granted.

Accommodation will be covered separately according to the legal provisions.

The above amounts shall be paid and made available to the Italian researchers by the Romanian host institution.

The payment procedures related to the Italian scientist visits are settled by the National Authority for Scientific Research according to the national rules in force and stipulated in the contract signed between the Executive Agency – UEFISCDI and the host institution.

REPORTS ON THE PROJECT

At the end of each year the Italian and the Romanian 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 to the Italian Ministry for Foreign Affairs.

The Romanian coordinators have to submit the reports to the Executive Agency – UEFISCDI.