

EXECUTIVE PROGRAMME FOR SCIENTIFIC AND TECHNOLOGICAL COOPERATION BETWEEN THE ITALIAN REPUBLIC AND THE REPUBLIC OF POLAND FOR THE YEARS 2019 – 2020

Based on the Art. 4 of the Cultural and Scientific-Technological Co-operation Agreement between the Government of the Italian Republic and Government of the Republic of Poland, signed in Warsaw on November 27th, 1960, and came into force on July 31st, 1961, the Italian Polish Joint Commission discussed and decided the new Executive Programme for Scientific & Technological Cooperation for the years 2019-2020. The discussion was held by correspondence in February-March 2019.

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

For the Italian Party: the **Directorate General Cultural and Economic Promotion and Innovation - Office IX** - of the Italian Ministry of Foreign Affairs and International Cooperation

For the Polish Party: the **Polish National Agency for Academic Exchange – NAWA** (Narodowa Agencja Wymiany Akademickiej).

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

The Parties, considering the good relationship between the two Countries, stressed the need to develop and to promote bilateral cooperation in the field of science and technology.

1. New Executive Programme for the years 2019-20

In the period between September 17th 2018 and October 31st 2018, a joint call for proposals was simultaneously launched in Italy and Poland to invite project proposals in the following priority areas:

- Mathematics, Physics and Chemistry
- Space
- Agriculture, Food and Sustainable Environment
- Nano-sciences and Advanced Materials
- Information and Communication Technologies, including technologies applied to Cultural Heritage
- Medicine and Health.

The criteria adopted in selecting the joint research projects were:

- Scientific significance of the project
- Proposed research methodology
- Involvement of early carrier researchers




- Qualifications and experience of both research teams
- Significance of the bilateral scientific cooperation
- Added value in addressing societal challenges
- Effective exploitation and dissemination of results
- Perspectives of cooperation with partners from business.

2. Projects for the Exchange of Researchers and Financial Provisions

100 eligible applications have been assessed based upon the above mentioned criteria, first by the national evaluation teams, then by the Italian Polish Joint Commission.

15 joint research projects for the exchange of researchers have been selected to be granted financial support. These projects are listed in Annex I.

The general administrative and financial provisions for the implementation of the Programme, with regard to the projects for the exchange of researchers, are given in Annex II.

3. Final provisions

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 January 1st, 2019 - December 31st, 2020 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 authorised by the competent Authorities 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 annual budgets and according to the rules prevailing in each Country.

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

Signed in Warsaw on the 19/04/2019, in two originals in the English language, each text being equally authoritative.



For the Italian Party

H.E. the Ambassador of Italy to Poland Mr.

Aldo Amati

Aldo Amati
AMBASCIATORE
Aldo Amati

For the Polish Party

**Ms Agnieszka Stefaniak-Hrycko, Head of
Department of Programmes for
Scientists, Polish National Agency
for Academic Exchange**

Narodowa Agencja Wymiany Akademickiej
Kierownik Pionu Programów dla Naukowców

Agnieszka Stefaniak-Hrycko
Agnieszka Stefaniak-Hrycko

Annex I

**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 Poland for the years 2019 - 2020**

AREA	TITLE	ITALIAN PRINCIPAL INVESTIGATOR	POLISH PRINCIPAL INVESTIGATOR
Agriculture, Food and Sustainable Environment	Optimization of strains and growth conditions to be used for biomass fermentation in biorefineries	CALVIO Cinzia Università di Pavia	LUKASZEWICZ Marcin University of Wrocław
Agriculture, Food and Sustainable Environment	Microbial biodiversity and biotechnological potential of saline soils with various pedoclimatic characteristics	PINZARI Flavia CREA-AA	OTLEWSKA Anna Łódź University of Technology
Agriculture, Food and Sustainable Environment	Functional characteristics of transglutaminases	DEL DUCA STEFANO Università di Bologna	Sobieszczuk-Nowicka Ewa Poznań Adam Mickiewicz University
ICT	Multianalytical approach for the dating and authentication of archaeological ceramics	SALADINO Maria Luisa Università di Palermo	ZYCH Eugeniusz University of Wrocław
Mathematics, Physics and Chemistry	Process Optimization to Produce an Austempered Ductile Iron with high microstructure stability (POPADI)	ANGELLA Giuliano CNR	GÓRNY Marcin University of Science and Technology in Kraków
Mathematics, Physics and Chemistry	Transforming ab initio Density Functional Theory into a practical tool for computational chemistry	FABIANO Eduardo Università di Lecce	GRABOWSKI Ireneusz Nicolaus Copernicus University
Mathematics, Physics and Chemistry	Position-sensitive detector for slow positronium beams	MARIAZZI Sebastiano Università di Trento	MOSKAL Paweł Jagiellonian University-Faculty of Physics, Astronomy and Applied Computer Science
Mathematics, Physics and Chemistry	Novel electrochemical and optical sensors	PAOLESSE Roberto Università di Roma Tor Vergata	MICHALSKA-MAKSYMIAK Agata Department of Chemistry, University of Warsaw

Medicine and Health	GPR55: innovative approaches to study the molecular interactions of a novel drug target	BARTOLINI Manuela Alma Mater Studiorum Università di Bologna	JÓZWIAK Krzysztof Università Medica di Lublino (Uniwersytet Medyczny w Lublinie)
Medicine and Health	Design, characterization and evaluation of lipid delivery systems dedicated for supporting malaria control and elimination	BASILICO Nicoletta Università di Milano	JAROMIN Anna University of Wrocław, Department of Lipids and Liposomes, Faculty of Biotechnology
Medicine and Health	The role of nicotinamide N-methyltransferase in maintaining the functional phenotype of vascular endothelium	EMANUELLI Monica Università Politecnica delle Marche	CHLOPICKI Stefan Jagiellonian Centre for Experimental Therapeutics (JCET)
Nano-sciences and Advanced Materials	Active metamaterials based on new generation liquid crystals (LCMETA)	CAPUTO Roberto Università della Calabria	KOWERDZIEJ Rafal Military University of Technology, Warsaw (Poland) (WOJSKOWA AKADEMIA TECHNICZNA)
Nano-sciences and Advanced Materials	Nanostructured light-responsive hydrogels based on polythiophene derivatives for photothermal therapy	LANZI Massimiliano Università di Bologna	PIERINI Filippo Institute of Fundamental Technological Research Polish Academy of Sciences
Nano-sciences and Advanced Materials	GaNimede - (Gallium Nitride Innovative Micro-Electronics DEvices)	ROCCAFORTE Fabrizio CNR	LESZCZYNSKI Michal Institute of High Pressure Physics - UNIPRESS
Space	Energy harvesting from multistable shells vibrations: theoretical modeling and experimental validation	ROMEO Francesco Università di Roma "La Sapienza"	WARMINSKI Jerzy Lublin University of Technology

Annex II

General administrative and financial provisions

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

Financing will be granted within the limits of the available annual resources of each Party.

Only the cost of the exchange of researchers will be financed.

For each project, **either** 2 stays (up to 12 days, each) **or** 1 stay (up to 30 days) and 1 up-to-12-day stay in Italy and Poland may be financed yearly.

The sending state will pay the travel expenses whereas the maintenance and accommodation expenses will be financed by the hosting state.

The Italian Party will pay the international travel expenses to researchers with Italian nationality (or any other EU nationality who are legally resident in Italy) visiting Poland and will provide a contribution for accommodation expenses in Italy to researchers with Polish nationality (or any other EU nationality who are legally resident in Poland) as follows:

- 93 Euros/day, from day 1 to day 10
- 18,50 Euros/day, from day 11 to day 30, up to a maximum amount of 1.300 Euros/month

Polish researchers shall receive their visit allowance at the nearest Provincial Treasury (local branch of the Banca d'Italia).

In Italy, applications for mobility from Polish (accommodation expenses) or Italian (travel expenses) scientists may be submitted online by granted applicants in the website reserved by the Italian MAECI, from January 15th until October 31st, only. The application must be submitted at least two months before the scheduled research visit.

Italian researchers travelling to Poland may submit the online application at <http://web.esteri.it/ricercatori/ricercatoriItaliani/Start.asp>, while Polish researchers should apply at <http://web.esteri.it/ricercatori/start.asp>

For the Polish Party, the maximum grant amount assigned for a project cannot exceed PLN 20.000.

This amount may be increased by the applicants by contributing their own funds.

Eligible costs include:

- travel expenses of the researchers from Poland to Italy – a maximum amount of PLN 2.000 per person,



- maintenance and accommodation expenses of the researchers coming from Italy to Poland as follows:

- PLN 350 per day, from day 1 to day 12;
- PLN 4.200 per month, if a stay lasts longer than 12 days in a given month.

Cost of research activities and other costs related to the joint projects are ineligible.

Funding will be available for a maximum of 24 months for collaborative research projects jointly developed and completed by researchers on both sides.

Payment principles from Polish Authorities are as follows:

two payments will be made: the first within 30 days upon signing the agreement and the second after the acceptance of the interim report.

The Italian and the Polish coordinators must submit an *annual interim report* on the progress of their project by January 31st 2020 at latest, as indicated in the text of the Executive Programme.

Funding for the second year will not be granted if the coordinators fail to submit their interim report.

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