



National Research Council of Italy



ROMANIAN ACADEMY

## Bilateral Agreement CNR / RA

### Joint Research Projects 2020-2022

#### Final Report

Considering the Joint Bilateral Agreement signed on March 27, 2019, the joint call for the bilateral project program launched on April 10, 2019, both Parties have jointly decided to fund, within the framework of the future joint program, 5 projects granting 4.000 Euros per project for 3 years.

After the evaluation procedures performed independently by both Parties, the assessed projects obtaining the highest scores have been taken into account.

The Parties agreed to finance the following proposals included in a final ranking list:

Joint Research Project	Italian Institution	Romanian Institution
"Insertion of sensitive fluorescent species in structured surfactant-based fluids for advanced photophysics"	Dr. Pietro Calandra Institute of nanostructured materials	Elisabeta Ildyko Szerb "Coriolan Drăgulescu" Institute of Chemistry, Romanian Academy (ICT)
"Development of innovative membrane-electrodes assemblies (MEAs) containing electro-catalysts based on carbon nanomaterials for application in Polymer Electrolyte Fuel Cells fed by H <sub>2</sub> (DH-PEFCs)."	Dr. Ada Saccà Institute for advanced energy technologies "Nicola Giordano"	Dr. Valeria V. Harabagiu Petru Poni Institute of Macromolecular Chemistry



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Joint Research Project	Italian Institution	Romanian Institution
"Analysis and Optimization of mathematical models ranging from bio-medicine to engineering "	Dr. Elisabetta Rocca Institute for applied mathematics and information technologies c/o Polo Universitario Cravino	Dr. Gabriela Marinocchi Gheorghe Mihoc-Caus Iacob" Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy
3D Chiral Metamaterials based on Gallium (MeGa)	Dr. Massimo Cuscunà Institute of Nanotechnology c/o Campus Ecotekne -	Dr. Viorel Chihaiia Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy (IPC-RA)
"Piezoelectric and Multiferroic Molecular Perovskites for Flexible and Wearable Devices"	Dr. Francesco Cordero Institute of structure of matter c/o Area della Ricerca di Roma - Tor Vergata	Dr. Victor Fruth-Oprisan Romanian Academy, "Ilie Murgulescu" Institute of Physical Chemistry, Romania

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