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Final Report of the Joint Bilateral Agreement CNR / CINVESTAV (Mexico)
Biennial Programme 2025- 2026

Considering the General Agreement signed on May 25, 2020, the joint call for the bilateral project program launched on April 24, 2024, a recent exchange of emails and a VTC between the Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional (Cinvestav) and CNR, both Parties have jointly decided to fund, within the framework of the future joint program, up to 4 projects. Each side will grant up to 10,000 euros per year per project for 2 years.

Of the total number of proposals submitted by both parties by the deadline, 11 were considered jointly.

After both Parties carried out independent evaluation procedures. CNR and Cinvestav combined the results, obtaining a "combined score". The projects with the best average scores from the CNR and Cinvestav were selected, considering the different thematic areas.

Despite the large number of good proposals received, the Parties agreed to finance the following proposals included in a final ranking list:

Joint Research Project	Italian Institution	Mexican Institution
A new computational/experimental paradigm for designing a MOF-based drug delivery system	Dr. GIOVANNI BARCARO Istituto per i processi chimico-fisici (CNR-IPCF)	Dr. ALBERTO VELA Department of Chemistry, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional
Optimization of environmentally friendly during growth activation of CdS/CdTe solar cells with novel architectures	Dr. DAVID BECERRIL RODRIGUEZ Istituto di struttura della materia (CNR-ISM)	Dr. SERGIO JOAQUIN JIMENEZ SANDOVAL Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Campus Querétaro

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Efficient Scaling Reduction in First-Principles Electronic Structure Methods	Dr. LEONARDO BELPASSI Istituto di Scienze e Tecnologie Chimiche "Giulio Natta" (CNR-SCITEC)	Dr. ANDREAS KÖSTER Departament of Chemistry, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional
Development of large-scale reproducible analysis techniques for the study of the coastal environment, with remotely sensed data and GIS. Two case studies compared in Italy (metropolitan area of Rome) and Mexico (Merida)	Dr. LORENZA FIUMI Istituto di Ingegneria del Mare (CNR-INM)	Dr. JORGE IVÁN EUÁN AVILA Department of Marine Resources, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional Campus Mérida

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