

Formulario EOI - EXPRESIONES DE INTERÉS

Contact Person / Scientist in charge (Datos del IP del grupo de investigación o responsable científico)

Name and Surname:	SERGIO I. MOLINA
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Department / Institute / centre (Datos del departamento donde estaría ubicado el investigador a contratar)

Name:	Department of materials science and metallurgical engineering and inorganic chemistry
Address:	CAMPUS RÍO SAN PEDRO. FACULTAD DE CIENCIAS.

Project Description(max. 1800 caracteres)

DEVELOPMENT OF POLYMERIC COMPOSITES FOR ADDITIVE MANUFACTURING TECHNOLOGIES. The postdoctoral Marie Curie would be integrated in the research group INNANOMAT of the UNIVERSITY OF CADIZ, to contribute to the R&D+i research line of materials, design and additive manufacturing. The composites developed in this context aim to combine advanced and disruptive strategies, led either by their production process or by their structure. These strategies include the design and production of mechanical and functional metamaterials. A fundamental aspect during their design is the application for additive manufacturing processes based on extrusion, stereolithographic or powder based technologies. It is of interest to carry out this activity from the nanoscale to large format scale. The research group has an active technological transfer activity with the market and this will be present through the postdoctoral activity. The developed materials and additive manufacturing solutions will be led to several sectors such as naval and maritime, automotive, aerospace, photonics, photovoltaics, packaging, biomedical and more generally to industrial design area.

Research Area (select)

<input checked="" type="checkbox"/>	Chemistry (CHE)
<input type="checkbox"/>	Social Sciences and Humanities(SOC)
<input type="checkbox"/>	Economic Sciences (ECO)
<input checked="" type="checkbox"/>	Information Science and Engineering (ENG)
<input type="checkbox"/>	Environmental Sciences and Geology (ENV)
<input type="checkbox"/>	Life Sciences (LIF)
<input type="checkbox"/>	Mathematics (MAT)
<input checked="" type="checkbox"/>	Physics (PHY)

Applications: documents to be submitted and deadlines

Expression of interest, CV

If you are interested in applying for MSCA-IF, please submit an Expression of Interest (CV) by email to: sergio.molina@uca.es (no later than 30th of June 2020).