

Horizon 2020 Marie Skłodowska-Curie Actions Individual Fellowships Call – Expression of Interest

Organisation Details	Irish Composites Centre (IComp) Mechanical Aeronautical and Biomedical Engineering Department, University of Limerick, Limerick, Ireland www.icomp.ie	
Organisation Type	<input type="checkbox"/> Academic <input type="checkbox"/> Large Enterprise <input type="checkbox"/> SME <input checked="" type="checkbox"/> Public Research Organisation	<input type="checkbox"/> Public Body <input type="checkbox"/> NGO <input type="checkbox"/> Non-Profit <input type="checkbox"/> Other (<i>please specify</i>)
Research Field(s)	<input checked="" type="checkbox"/> Chemistry CHE <input type="checkbox"/> Social and Human Sciences SOC <input type="checkbox"/> Economic Sciences ECO <input checked="" type="checkbox"/> Information Science and Engineering ENG <input type="checkbox"/> Environment and Geosciences ENV <input type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input checked="" type="checkbox"/> Physics PHY	Keywords: Composites Polymers Fibres Adhesives Energy Recycling
Short Description of the Organisation and the Faculty/Dept/School/Centre	<p>The Irish Composites Centre (IComp) provides world class innovative R&D, consultancy and networking opportunities for industry throughout Ireland and across all sectors where composite materials and associated technologies are relevant. The Centre focuses on the critical requirements of the composites industry identified by consulting with its industrial members.</p> <p>IComp is located in the Materials and Surface Science Institute (MSSI) and provides world class R&D in the areas of composites, adhesives and surface engineering. IComp provides the focal point in Ireland for 3 research institutions and 27 member companies to work together to address some of the critical issues related to the use of composite materials in supply chains in a number of relevant sectors (e.g. aviation & aerospace, land & waterborne transport, construction, renewable energy). University College Dublin and Athlone Institute of Technology are academic research partners in IComp and the staffing total comprises 37 researchers and support personnel.</p>	

	IComp has access to a wide range of manufacturing, processing and characterisation facilities with the capability of manufacturing, testing and inspecting composite components and structures up to the semi-tech scale, as well as one of the few Laser-Assisted Tow Placement (LATP) research equipment in Europe.
Short Description of the Research Project/Topic	The research may be carried out in almost any aspect of Science and Technology relevant to composites and their application including all types of polymers, fibres, materials and surface sciences, recycling, modelling, design, engineering, joining, thermo-mechanical and environmental resistance properties, etc.
Expertise required by the applicant	The researcher must have a doctoral degree or at least 4 years' full-time equivalent research experience in polymers, composites, materials science or in computer modelling or a relevant engineering discipline.
Career development support offered to fellows	A wide range of targeted training and personal and career development programmes are offered by the UL Human Resources division, the Research Office and the Library (research skills, interpersonal and teaching skills, project management, entrepreneurship, communications use of research tools, funding applications). In addition to this there is the opportunity to gain industrial experience by interacting with IComp's industrial members and, where appropriate, spend time working on their premises.
Application procedure	Applicants should provide an up-to-date CV, a letter of motivation and at least one supporting letter from their supervisor or similar person who knows them in a professional capacity and is willing to act as a referee.
Contact Person	Applicants should initially contact Dr Terry McGrail, Director of IComp. terry.mcgrail@ul.ie

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