



**Call for Expression of Interest
Marie Sklodowska-Curie Individual Fellowship
(H2020-MSCA- IF-2017)**

The University of Malta, UM (Malta) is keen to host Marie Sklodowska-Curie Action fellows to work in its research teams and welcomes expressions of interest from excellent post-doctoral researchers to apply for the Individual Fellowship Scheme on 14th of September 2017.

University of Malta

The University of Malta traces its origins to the founding of the Collegium Melitense by the Jesuits in 1592. The College was raised to University status by Grand Master Manoel Pinto de Fonseca in 1769. Situated at Msida, it is the highest teaching institution of the State by which it is mainly financed and is open to all those who have the requisite qualifications. Over the past few years, the University has reviewed its structures in order to be in line with the Bologna process. Conscious of its public role, the University strives to create courses which are relevant and timely in response to the national, regional and international needs. The supreme governing bodies of the University are the Council and the Senate. There are over 11,000 students including 1000 foreign/exchange students from nearly 92 different countries, following full-time or part-time degree and diploma courses. The University has been involved as coordinator and partner in numerous EU-funded projects under various Programmes including FP5/6/7, Horizon 2020, Lifelong Learning Programme, Culture 2000, Tempus, Erasmus+, INTERREG EU-MED-ITALIA MALTA-ENPI CBC MED and various other international and national programmes and initiatives. The University is also represented in a number of European and international University networks and groups.

The Department of Communications and Computer Engineering

<https://www.um.edu.mt/ict/cce>

The Department of Communications and Computer Engineering (CCE) is established under the Faculty of ICT at the University of Malta. It focuses on areas encompassing computer and communication systems, computer networks and the signal processing necessary to analyse, model, process, code, transmit and decode multimedia data travelling over fixed and wireless networks.

The CCE Department is seeking candidates who are interested in conducting research in the field of **Light Field Image Super-resolution and Editing**. Light field imaging has emerged as a very promising technology in the field of computational photography. While commercial light field cameras exist, capturing high spatial resolution light fields remains technologically challenging. Moreover, since light fields are densely sampled high-dimensional signals containing information about the light rays interacting with the scene, it is very difficult to edit and manipulate the content. Research fellows participating in this project will have the possibility to get a placement at INRIA Rennes Bretagne with whom the University of Malta has an ongoing close collaboration in this research field.

Selected candidates will receive dedicated support from the supervisor, **Dr Ing. Reuben Farrugia**, and the Research Support Services Directorate to write a successful proposal and submission.

Interested candidates should send a cover letter and CV to rssd@um.edu.mt.