

**Call for Expression of Interest**  
**Marie Skłodowska-Curie Individual Fellowship**  
**([H2020-MSCA- IF-2018](#))**

The University of Malta (UM) is keen to host Marie Skłodowska-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.

MSCA fellowships can be used by researchers who wish to relocate to Malta for a period between 12 and 24 months. Successful applicants will be able to start their fellowships during the 12 months from March 2019 onwards.

The funding covers:

- living and mobility allowance
- family allowance for fellows with spouses or dependent children
- research, training and networking costs
- management and indirect costs.

### **University of Malta**

Lying at the cross-roads of the Mediterranean, UM has been, over its [400-year history](#), the hub for international academic exchange on the island. UM is the leading higher education institution in Malta and its structures are in line with the [Bologna Process](#) and the European Higher Education area. The University seeks to carry out [academic research](#) and provide a vibrant higher education setting in the arts, sciences and the humanities as required for Malta's economic, social and cultural development. The [courses](#) at UM are designed to produce highly-qualified professionals in multiple disciplines. The UM [alumni](#) community is growing exponentially: well over 3,500 students graduate in various disciplines annually. The language of instruction is English and about twelve per cent of the student population is international. Today UM is composed of [fourteen faculties](#), a number of interdisciplinary [institutes](#) and [centres](#), three [schools](#) and a [junior college](#). Besides the main campus, situated at [Msida](#), there are three other campuses: [Valletta](#), [Marsaxlokk](#), [Gozo](#).

### **The Department of Communications and Computer Engineering**

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

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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.

### **Research project**

The CCE Department is seeking fellows who are interested to conduct 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.

Researchers participating in this project will have the possibility to have a placement at [INRIA Rennes Bretagne](#) with whom the University of Malta has an ongoing close collaboration in this research field.

### **Eligibility**

Interested applicants must:

- have a PhD or the equivalent research experience
- not have lived in Malta for more than 12 months in the last 36 months up to 12th September 2018.

Interested applicants are invited to send a cover letter and CV to [reuben.farrugia@um.edu.mt](mailto:reuben.farrugia@um.edu.mt) with “MSCA-IF + <candidate’s name>” in the email subject by **15th July 2018**.

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

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