L-UNIVERSITÀ TA' MALTA
Msida MSD 2080 - Malta

UNIVERSITY OF MALTA
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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 Industrial Electrical Power Conversion
https://www.um.edu.mt/eng/epc
The Department of Industrial Electrical Power Conversion (IEPC) is established under the Faculty of Engineering at the University of Malta. It focuses on areas including: the extension of sensorless control for steer by wire applications; control of DC microgrids for integration of distributed energy storage systems; control of management of AC microgrids; improved control of wind turbines; introduction of energy storage systems for peak shaving; power electronic converters for motor drives including direct AC-DC conversion and contruction of a solar catamaran. The team at IEPC is dynamic and highly motivated, and actively collaborates with other local and international academic institutions and industy.

IEPC is seeking candidates who are interested in conducting research in any of the following fields:

- Electric transportation
- Microgrids
- Energy storage
- Control and grid integration of renewable energy
- Power electronic converters
- Control of AC machines
- Electrical energy efficiency

IEPC has test rigs for the above research areas, which the research fellow could also use.

Selected candidates will receive dedicated support from the corresponding academic within IEPC, and the Research Support Services Directorate to write a successful proposal and submission.

Interested candidates should send a cover letter and CV to iepc.eng@um.edu.mt and keep rssd@um.edu.mt in copy.