



Call for Expression of Interest
Marie Skłodowska-Curie Postdoctoral Fellowship
(HORIZON-MSCA-2024-PF-01-01)

The University of Malta (UM) is interested in hosting 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 Postdoctoral Fellowship call.

University of Malta (UM) is the sole public and highest teaching institution in Malta, with its structures being in line with the Bologna Process and the European Higher Education area. UM has a 400-year history and there are over 11,500 students including 1,000 foreign/exchange students from nearly 92 different countries, following fulltime or part-time degree and diploma courses. Around 3,500 students graduate each year. UM is comprised of 14 Faculties and several other campuses: at Valletta, Marsaxlokk and Gozo. As of 2020, the UM employed a total of 2,848 employees including academics, administrative, technical and industrial staff (1,885 on a full-time basis and 963 on a part-time basis). Over the past ten years, the UM has been involved as coordinator and partner in numerous EU-funded projects under various Programmes including Horizon Europe, Horizon 2020, FP7, Erasmus+, Lifelong Learning Programme, INTERREG, National Funding and various other international and national programmes and initiatives. The UM is also represented in a number of European and International University networks and groups.

[Faculty of Information & Communication Technology](#)

[Department of Computer Information Systems](#)

The CIS Department is one of the first departments within the Faculty of ICT of the University of Malta, and actually predates the faculty itself. Our department was established in 1993 and has always played an essential role in many of the degree programmes offered by various University entities - even before the establishment of the Faculty of ICT itself in 2007.

Our mission is to provide knowledge and skills in the construction and management of digital information in the framework of an ever-changing and evolving digital economy through a balanced measure of scientific, technical and applicative aspects aimed at equipping individuals with the proper and relevant knowledge and tools essential to work within a modern, multi-disciplinary and competitive ICT landscape.

Research Project:

Research Field: Information Science and Engineering (ENG)
Information and Communication Technology
Keywords: Medical Informatics, Health Informatics, Traffic Engineering, Machine Learning, Blockchain, Predictive modelling

The supervisor's research areas include 'IoT and Pervasive electronic monitoring in healthcare', 'Health and social care modelling', 'Medical imaging and computer vision', 'Satellite data analytics and remote



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sensing', 'Big data and analytics', 'Business intelligence', 'Missing data analysis' and 'Application of AI and ML techniques for operational research, forecasting and the science of management'.

The selected candidates will receive dedicated support from the supervisor, [Prof. Lalit Garg](#) and the Research Support Services Directorate to write a successful proposal and submission.

Interested candidates must be in possession of a doctoral degree with not more than 8 years post PhD research experience and must not have resided in Malta for more than 12 months during the past 3 years. Furthermore, their research interests should be relevant to the above project. Kindly send a covering letter and CV to the corresponding supervisor, [Prof. Lalit Garg](#), keeping in copy funding.rssd@um.edu.mt with 'MSCA-PF-2024 *candidate name*' as the email subject by **24 May 2024**.