Call for Applications
Resident Academic Full Time Post in Artificial Vision
Department of Artificial Intelligence
Faculty of Information and Communication Technology

Applications are invited for a Resident Academic full time post in Artificial Vision in the Department of Artificial Intelligence within the Faculty of Information and Communication Technology of the University of Malta.

The appointment will be on a three-year definite contract, which may be renewed, subject to a one-year probationary period.

The appointee will be required to contribute to the teaching, research, administration and other activities of the Department of Artificial Intelligence within the Faculty of Information and Communication Technology, and as may be required by the University.

Candidates must be in possession of a PhD or equivalent research based doctorate in artificial vision. Due importance will be given to candidates who are in possession of an MSc in Artificial Intelligence or better focusing on artificial intelligence. Experience in the following areas will be considered favourably: vision-based motion tracking, cultural heritage applications and image processing and computer vision.

The Resident Academic Stream is composed of four grades, being Professor, Associate Professor, Senior Lecturer and Lecturer. Entry into the grade of Lecturer or above shall only be open to persons in possession of a Ph.D. or an equivalent research-based doctorate within strict guidelines established by the University.

The annual salary for 2017 attached to the respective grades in the Resident Academic Stream is as follows:

- **Professor**: €41,771 plus an Academic Supplement of €29,095 and a Professorial Allowance of €2,273
- **Associate Professor**: €38,341 plus an Academic Supplement of €22,292 and a Professorial Allowance of €1,388
- **Senior Lecturer**: €34,709 plus an Academic Supplement of €15,947
- **Lecturer**: €28,668 with an annual increment of €641 to €30,591 plus an Academic Supplement of €13,118

The University of Malta will provide academic staff with financial resources through the Academic Resources Fund to support continuous professional development and to provide the tools and resources required by an academic to adequately fulfil the teaching and academic research commitments within the University.

The University of Malta may also appoint promising and exceptional candidates into the grade of Assistant Lecturer, provided that they are committed to obtain the necessary qualifications to enter the Resident Academic Stream. Such candidates will either have achieved exceptional results at undergraduate level, be already in possession of a relevant Masters qualification, or would have been accepted for or already in the process of achieving their PhD.

- **Assistant Lecturer with Masters**: €26,740 with an annual increment of €596 to €28,528 and an Academic Supplement of €4,650
- **Assistant Lecturer**: €24,879 with an annual increment of €531 to €26,472 and an Academic Supplement of €4,424
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Applicants should submit their letter of application by e-mail to recruitment.hrmd@um.edu.mt together with their curriculum vitae, certificates and names e-mails of three referees.

Applications should be received by Friday, 13th October 2017.

Late applications will not be considered.

Further information may be obtained from the website: http://www.um.edu.mt/hrmd/vacancies.

Office of the University
Msida, 29th September 2017
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Further Information

General Working Obligations:

The conditions of work for a Resident Academic of the University of Malta, are set out in the ‘Collective Agreement for Academic Staff of the University of Malta’ and the ‘Manual of Conduct and Procedures’.

The commitment of a Resident Academic is based on a 40-hour week, with flexible times depending on established time-tables and distributed reasonably between teaching, academic research and other academic work (including academic administration and professional activity).

The official lecturing times of the University of Malta are Monday to Friday, between 08:00 and 20:00 hours and the successful candidate will be required to lecture at any time within the official teaching times during term-time. The appointment will be subject to a probationary period of one year and to the provisions of the Statutes, Regulations and Bye-Laws of the University of Malta which are now or which may hereafter be in force.

The Department of Artificial Intelligence

The Department of Artificial Intelligence (AI) (formerly known as the Department of Intelligence Computer Systems) is responsible for the undergraduate BSc ICT (HONS) degree in Artificial Intelligence. Furthermore, the department is also responsible of an MSc in AI covering topics such as Big Data, Creative Technologies, Artificial Vision, Robotics and Natural Language Processing. We also participate in an Erasmus Mundus MSc in Human Language Science and Technology (through the LCT consortium), and offer PhDs in several areas of research which include: Data Discovery, Big, Linked Data, Analytics and Visualisation, Human Language Technology, Semantic Technologies, Digital Games, Bioinformatics and Machine Learning.

Members of the Department of AI are currently involved in various international and local research collaborations including VATIS (2016) and three COST actions: PARSEME (handling multiword expressions), KEYSTONE (semantic Keyword-Based Search on structured data) and IV&L Net (combining computational approaches to language and vision). In the recent past, the Department participated in a number of EU projects including EURO-SOUTH-HUB (Italy-Malta 2007-2013), MYOCEAN/MYOCEAN2/MYOCEAN-FO (FP7, 2009-2015), CALYPSO/CALYPSO-FO (Italy-Malta,2011-2015), METANET4U (EU PSP 2011-2013), LT4eL (EU FP6, 2008-2011, e-Learning and Language Technology) and REWERSE (EU FP6, 2005-2008, Network of Excellence). The Department is a member of the LCT consortium, META-NET, a network involved with the creation and distribution of language resources and the Google Developer's Group (Malta). The department has also hosted the 6th International VS-Games 2014 and several large international conferences including LREC (2010) and Mlearn (2010).

Through this post, the department is seeking to strengthen its teaching and research activities in Artificial Vision at undergraduate and postgraduate levels. As part of his/her duties, the appointee will thus be expected to teach and develop programmes of research and study pertaining to relevant areas falling under this topic. The appointee will be expected to support the practice and skills aspect of the Department’s teaching programmes by, for example, developing practice-based learning examples, assignments and laboratory exercises. The appointee will also be expected to participate in the teaching of other study-units for which the department is responsible and as may be directed by the Head of Department.
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Tasks which the appointee may be expected to perform include, among others:

a. Teaching, including tutorials and seminars, supervision of practical work and placements, monitoring and supervision of student projects and other practical work;
b. Developing, preparing and updating of course materials;
c. Developing practice-based learning examples, assignments and laboratory exercises;
d. Continuous assessment of students, setting and marking of examination papers within established time-frames;
e. Supervision of postgraduate research students;
f. Research and publication - both individual and collaborative, particularly in priority areas established by the Department;
g. Seeking external funds, national and international, to support the teaching and research activities in his/her respective areas and in priority areas established by the Department;
h. Administrative duties of the Department, the Faculty and the University, as required;
i. Assist in the Department's collaboration with local industry and in its efforts to maintain its relevance to society at large;
j. Contributing to national and regional development, particularly in the appointee’s area of specialisation and through co-operation with governmental and non-governmental institutions;
k. Any other relevant duties as may be required by the University.

The appointee is expected to work:
a. on a full-time basis and will not be allowed to engage in any other gainful employment without the permission of the Council; and
b. at such places and during such hours as may be determined by the University authorities.

The Selection Process:

The Selection process requires:
a. The scrutiny of qualifications and experience claimed and supported by testimonials and/or certificates (copies to be included with the application).
b. Short-listing of candidates.
c. An invitation to short-listed candidates to a Selection Board interview.

The selection process will follow the document “Guidelines for Members of Selection Boards in the Recruitment of Resident Academic Staff” (http://www.um.edu.mt/hrmd/services/recruitment).

In accordance with the guidelines, members of the Selection Board will establish the following selection criteria for the selection process:

i) Relevant academic qualifications
ii) Relevant Academic / Work experience
iii) Aptitude and suitability; and
iv) Performance in interview

Office of the University
Msida, 29th September 2017

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