



Call for Applications Post/s of Full-Time Research Support Officer II & III

WildEye – R&I 2016 Programme
BrainApp – R&I 2015 Programme
And Any Other Projects Undertaken by the
Department of Systems & Control Engineering

1. Applications are invited for Research Support Officers to work on **WildEye** and **BrainApp**, two research projects financed by the Fusion R&I 2016 & 2015 Programmes respectively. The **WildEye** project proposes a passive eye-gaze tracking platform aimed to provide an alternative communication channel for persons with physical disabilities, whilst the **BrainApp** project aims to propose the development of a novel application controlled directly with brain signals, removing dependence on limbs, opening up accessibility to individuals suffering from motor disabilities, and providing alternative access methods to healthy individuals. The Research Support Officers may also be required to work on any other projects undertaken by the Department of Systems & Control Engineering.
2. Applicants must be in possession of the following:
 - For the Wild Eye project:
 - A Research Support Officer III is required who should be in possession of a Bachelor's degree in Engineering in the area of electrical and/or electronic engineering, with a focus on signal processing and computer vision; a Master's degree in an area related to computer vision and a PhD in the area of computer vision.
 - Fluent in Matlab and C programming.
 - Experience in vision based tracking and eye gaze tracking are considered as assets.
 - For the BrainApp project:
 - A Research Support Officer II is required who should be in possession of a Bachelor's degree in Engineering in the area of electrical and/or electronic engineering, with a focus on signal processing and electronics; and a Master's degree in an area related to signal processing, preferably with experience in electroencephalography (EEG) signal processing.
 - Fluent in Matlab programming
 - Experience with EEG data collection, EEG signal processing and brain computer interfacing are considered as assets.
 - Self-motivation and ability to work both independently and as part of a team;
 - Ability to organise and prioritise tasks within the project timeline to meet interim deadlines; and
 - Good written communication skills and academic writing skills.
3. The full-time posts are for an initial period of 12 months and carry the following initial annual salary:
 - Research Support Officer II €24,960;
 - Research Support Officer III €31,200.
4. Candidates should submit their letter of application, a copy of their curriculum vitae and copies of their certificates to projects.hrmd@um.edu.mt. Applications must be received by not later than **Sunday, 8th October 2017**.

Late applications will not be considered.

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

Office of the University,
Msida, 16th September 2017



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R&I 2015 & 2016 PROGRAMMES**

WildEye & Brain App Projects

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Further Information

1. The Research Support Officers III and II will be responsible for the execution of a number of tasks related to the WildEye and BrainApp projects respectively, financed by the R&I 2016 & 2015 Programmes respectively, in which the Department of Systems & Control Engineering is the lead partner. Further information about these projects may be obtained from Professor Kenneth Camilleri (email: kenneth.camilleri@um.edu.mt) with regard to WildEye and Dr Tracey Camilleri (email: tracey.camilleri@um.edu.mt) with regard to BrainApp. The applicants may also be required to work on any other projects undertaken by the Department of Systems & Control Engineering.
2. The main duties and responsibilities of the appointees will consist of carrying out Research and Project Management Assistant duties including:
 - a. perform research as directed by the principal investigator and key experts;
 - b. produce deliverables and related reports within the stipulated time frames as specified in the project description;
 - c. keep detailed progress reports and abide to all the conditions imposed by the project;
 - d. endeavour in generating technical and scientific conference/journal papers;
 - e. assist in the dissemination process via workshops, seminars and other events;
 - f. travel and attend meetings/conferences as the need arises;
 - g. take part in the submission of EU-funded research proposals to sustain related research beyond the funding of the project; and
 - h. perform any other tasks as instructed by the project coordinator and key experts.
3. The appointees are expected to work at such places and during such hours as may be determined by the University authorities.
4. The selection procedure will involve:
 - a. scrutiny of qualifications and experience claimed and supported by testimonials and/or certificates (copies to be included with the application); and
 - b. an interview and / or extended interview.
5. The posts are for an initial period of one year, which will be subject to a probationary period 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.

Office of the University,
Msida, 16th September 2017