

School of Electronic Engineering and Computer Science
2 PhD studentships in “Intelligent Sensing”

Applications are invited for two PhD Studentships starting in September 2013 within the Centre for Intelligent Sensing. Intelligent sensing research deals with the theory and application of data acquisition, processing, communication, abstraction, control and visualization. Research areas include computer vision, signal and image processing, multimedia analysis, cognitive science, bio-inspired and human-centred computing, affective computing, pattern recognition and machine learning. These studentships will involve multidisciplinary research in selected areas of sensing (visual, audio, depth, biomechanical) applied to a diverse range of fields (robotics, biology, environmental scanning).

The studentships will be based in the School of Electronic Engineering and Computer Science (EECS) www.eecs.qmul.ac.uk at Queen Mary University of London, in the Centre for Intelligent Sensing, <http://cis.eecs.qmul.ac.uk> which has a world-leading reputation in camera and sensor networks, video and image processing, face gesture and action recognition, visual surveillance, 3D modelling, coding, compressive sensing, audio and musical signal processing, and medical imaging.

This studentship, funded by a Queen Mary EPSRC Doctoral Training Account, is for 3.5 years and will cover student fees and a tax-free stipend starting at £15,590 per annum. Further details of the EPSRC scheme see (<http://www.epsrc.ac.uk/funding/students/dta/Pages/default.aspx>) including terms and conditions. Applicants must be UK nationals or residents as defined here:

<http://www.epsrc.ac.uk/funding/students/pages/eligibility.aspx>

Candidates should have a first class honours degree or equivalent, or a strong Masters Degree, in computer science, mathematics, physics or electronic engineering. Please contact Professor Andrea Cavallaro andrea@eecs.qmul.ac.uk if you would like to know more details, or have any queries about how to apply.

To apply please follow the on-line process (see www.qmul.ac.uk/postgraduate/apply) by selecting “Computer Science” in the “A-Z list of research opportunities” and following the instructions on the right hand side of the web page.

Please note that instead of the 'Research Proposal' we request a 'Statement of Research Interests'. Your Statement of Research Interest should answer two questions: (i) Why are you interested in the proposed area? (ii) What is your experience in the proposed area? Your statement should be brief: no more than 500 words or one side of A4 paper. Mark clearly the statement with the title “Intelligent Sensing”. **In addition** we would also like you to send a sample of your written work. This might be a chapter of your final year dissertation, or a published conference or journal paper. More details can be found at: www.eecs.qmul.ac.uk/phd/apply.php

The closing date for the applications is 31 January 2013.

Interviews are expected to take place during February 2013.