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## IROS 2016

The IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) took place last week in Daejeon, Korea.

Participation in this conference is on a staggering scale; 1719 papers were submitted from 57 countries – almost half the world, and of those, 832 papers and 36 workshops and tutorials were accepted (translating to a 48% rate).

Prof. Yang gave a plenary talk on 'Perpetual Docking: Harmonising Human Robot Interaction' which touched on one of the most exciting applications of artificial intelligence – it's use in a surgical setting, where harmonising human-robot interaction is critical. Prof. Yang spoke about his concept of 'perceptual docking', a method by which a 'seamless transfer of knowledge between the human and robot' can take place. The more seamless this transfer is, the more precise the surgery. [Read more](#)

## DARS 2016

*13th International Symposium on Distributed Autonomous Robotic Systems*



DARS 2016 provides a forum for scientific advances in the theory and practice of distributed autonomous robotic systems. It is a highly selective, single-track meeting that will be soliciting submissions presenting significant, original, and previously unpublished research. [Read more](#)

## Pujiang Innovation Forum 2016

The 9th Pujiang Innovation Forum, with the theme of "Double Engines: Technological and

Institutional Innovation" was held on September 23 and 26, 2016 in Shanghai.

Speakers shared their insights on cooperation between China and the UK on technology and science against the background of Brexit.



The forum brought together 150 top scientists to discuss ways to promote innovation with a global vision and to build a platform for communication of innovation and development. [Read more](#)

## Edinburgh Centre for Robotics Annual Conference

The aim of this conference is to provide delegates with an overview of the areas of research in which the CDT students are working, and to provide an opportunity to explore areas of collaboration with the Edinburgh Centre for Robotics. [Read more](#)



## Leeds £3.87m award for knee therapy research

The University of Leeds has been awarded £3.87m by the EPSRC to develop novel testing methods for new knee therapies to treat osteoarthritis and other conditions.



The research at Leeds will be led by Professor Ruth Wilcox, Director of the Institute of Medical and Biological Engineering, and will aim to develop novel testing methods for new knee therapies that combine laboratory-based simulation and computer modelling to predict mechanical performance and optimise design and usage. [Read more](#)

## Lloyd's Register Foundation: RAS Foresight Review Survey

Lloyd's Register Foundation has identified Robotics and Autonomous Systems (RAS) as a key technology that impacts on the Foundation's core objectives and commissioned a team led by Professor David Lane, Edinburgh Centre for Robotics Director, to produce a Foresight Report.

The team aims to capture inputs for each of the themes from a diverse international



community of stakeholders, including but not limited to users, companies, scientists, ethicists, economists, investors, sponsors and regulators. If you would like to contribute, please answer the survey [here](#).

## WMG and Upper Austrian Government collaboration

WMG is pleased to announce the conclusion of a Memorandum of Understanding (MoU) between WMG, at the University of Warwick signed by its Chairman Professor Lord Bhattacharyya, and the Upper Austrian Research GmbH (UAR), signed by CEO Wilfried Enzenhofer and its shareholder representative, Deputy State Governor of Upper Austria, Thomas Stelzer. [Read more](#)



## Leeds CDT–EI students attend photon 2016

CDT–EI researchers Jorge Garcia–Armenta and Ian Park from the Wolfson School at Loughborough University attended the most important optics and photonics conference in UK, the PHOTON 16 which was held by The Institute of Physics (IOP) and hosted at University of Leeds. The latest technologies in optics and photonics are communicated to the scientific and academic community. [Read more](#)

## Engineering undergrads' talents showcased in October

The annual showcase and networking event – held at UCL in conjunction with the Royal Academy of Engineering – will include the final of a competition among the top technical speakers from last year's first year class, scenario talks, highlights from last year's Challenges, and a viewing of the winning entries of the first year explanatory video competition. [Read more](#)

## Heriot–Watt bring Native Scientist to Edinburgh

Ana Catarino and Rafael Pires, from the School of Life Sciences, and Catarina Novo, from the School of Engineering and Physical Sciences, have been enthusing children from the Portuguese School of Edinburgh, Lusofonias, about their scientific discoveries.



Native Scientist is a network of international scientists created to tackle educational disadvantage through science outreach. [Read more](#)

## iVTuesday with Dr Robert Ambrose from NASA

Edinburgh were excited to welcome NASA's Dr Rob Ambrose to their September iTuesday.

As Principal Technologist for NASA's Game Changing Development Program Dr. Ambrose is spearheading the search for new ideas that will change how humans explore space, ideally with synergies for terrestrial challenges that enable NASA to help people here on Earth. [Read more](#)



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