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HIGHLIGHTS

Lloyd's Register Foundation: RAS Global Call

The Foundation has issued a global call for partners active in RAS, related to the safety and performance of engineered assets and infrastructures on which modern society relies.

The Foundation aims to advance the safety benefits from RAS with a primary focus on:

- asset self-certification
- assurance of RAS learning systems
- software system integrity
- shared curation of RAS knowledge.



Other areas of interest are: open data standards; open data sets; cyber security of RAS; ethical and trusted RAS frameworks; and assured skills for RAS. ***Read more***

UK Robotics Week: Submit your Events

The deadline is fast approaching for partners and interested organisations to submit their event for inclusion in the Robotics Week programme.

More events are being added every week but production of the UK Robotics Week programme is due to begin in April 2017.

To ensure your events are included, please complete this [online form](#), no later than Friday 31st March 2017. [**Read more**](#)



Open Day: Edinburgh Centre for Robotics CDT

EPSRC Centre for Doctoral Training in Robotics and Autonomous Systems at the Edinburgh Centre for Robotics are holding an Open Day on **26th February 2016** at Heriot-Watt University and the University of Edinburgh.

The Open Day provides an opportunity for students to hear about the CDT, meet some of the current students and staff, and to look around the facilities. This event is open to all those who are interested in the CDT, regardless of whether or not you have already applied. [**Read more**](#)



EDINBURGH CENTRE FOR
ROBOTICS

£150 million Centre will help deliver UK Industrial Strategy

The Rt Hon Greg Clark MP, the Secretary of State for Business, Energy and Industrial Strategy, visited WMG, at the University of Warwick, on Friday 20th January 2017, taking up an invitation to see for himself the work underway to complete the new £150 million National Automotive Innovation Centre on the University Campus.



He also saw the work expanding WMG's Energy Innovation Centre which provides a one-stop-shop for the development of new battery chemistries to create advanced batteries for the automotive sector.

The National Automotive Innovation Centre is a unique automotive research centre, and the largest facility of its kind in Europe. It will provide high technology automotive manufacturing research that will be of significant benefit in the delivery of the key manufacturing component of the UK's Industrial Strategy. [**Read more**](#)

NEWS

Science Robotics Journal, Vol 3

Some Batty Ideas Take Flight. Bat Bot (shown) is able to imitate several flight maneuvers of bats, such as bank turns and diving flight. Such agile flight is made possible by highly malleable bones and skin in bat wings.

Ramezani et al. identified and implemented the most important bat wing joints by means of a series of mechanical constraints. They then designed feedback control for their flapping wing platform and covered the structure in a flexible silicon membrane. This biomimetic robot may also shed light on the role of bat legs to modulate flight pitch. [Read more](#)



EPSRC RAAI Theme Day

EPSRC held a RAAI Theme Day on 31st January 2017. This was in part to facilitate a review of current robotics, automation and artificial intelligence portfolios in relevance to Robotics and Autonomous Systems (RAS), in order to evaluate the quality and importance of EPSRC's portfolio of research and training in the area.



The Theme Day involved poster presentations from holders of current and recent related grants from across the EPSRC portfolio. A panel of internationally leading experts chaired by Prof David Hogg used the posters and discussions with attendees to draw conclusions about the portfolio as a whole. The outcomes of the review will be used to inform future strategy in the area of RAAI. [Read more](#)

Lord Prior and the Future of UK's Medical Technology Industry

A Government Minister came to Imperial on a fact-finding mission as part of a recent industrial strategy announcement.

Lord Prior met Professor Alice Gast, President of Imperial, and Professor Lord Ara Darzi, Director of the Institute of Global Health Innovation at the College, at the Hamlyn Centre.

The Minister at the Department of Business, Energy and Industrial Strategy came to the College on one his first visits as part of the Government's consultation process on the **Industrial Strategy Green** paper, which was unveiled by Theresa May, UK Prime Minister, on 23 January 2017. [Read more](#)



Guardian Live: A Robots World? Panel Discussion, Science Museum

In partnership with Guardian Live, this panel talk brings together leading thinkers in robotics, economics and politics to look at the influence of robots, artificial intelligence and increasing levels of automation on jobs, industry and the economy.

The discussion will look at those job sectors that will be the most heavily affected, and will explore how globalisation is evolving under the influence of robotics. The panel will also attempt to look ahead at the prospect of a post-work world and whether new forms of capitalism may be required in order for humans to thrive in a robot's world. [Read more](#)





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