



UK-RAS  
NETWORK  
ROBOTICS & AUTONOMOUS SYSTEMS

EPSRC  
Engineering and Physical Sciences  
Research Council

Newsletter December 2016

## Highlights

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Challenge

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## HIGHLIGHTS

### Robots for Resilient Infrastructure Challenge 2017, Leeds

An International Robotics Challenge Event – Now Open!!  
27th & 28th June 2017. University of Leeds, Leeds, UK.

*'In the air, on the ground, underground and  
underwater – robots to create, inspect, repair and maintain  
the physical infrastructure of our everyday lives'.*

A two day challenge event to bring academics, industry,  
policy makers and stakeholders together to explore a future  
use of robots in the creation, inspection, repair and maintenance of critical  
infrastructure. [Read more](#)



### Social Care Robot Challenge 2017, Bristol &

# Sheffield

Social Care Robot Challenge 2017 is a national cooperative venture.

To begin addressing the wider challenge we will bring together UK experts in social care robotics from both academia and industry to advance our knowledge of how robots can be integrated into the healthcare services of the future.



Thus we will start to address the predicted steeply rising costs and strain of healthcare provision and services in the UK. [Read more](#)

## UK Robotics Week Exhibitors & Sponsorship

We would like to invite industrial partners to become official sponsors of the UK Robotics Week 2017. UK Robotics Week is an annual event, which aims to act as a forum to showcase the latest innovations, in Robotics and Autonomous Systems (RAS), through a number of academic and industrial challenges and events.



We are looking for sponsorship to ensure the continuing success growth and promotion of the UK Robotics Week and we are contacting many of our industrial partners with this in mind. We also invite organisations such as universities, research institutes, SMEs and industrial companies to participate as an exhibitor. [Read more](#)

## TAROS 2017: Call for Papers & Exhibitors, Surrey

The 18th Towards Autonomous Robotic Systems (TAROS) Conference will be held in the University of Surrey, Guildford, UK on 19th to 21st July 2017.



**Call for Papers:** TAROS is a platform for RAS researchers from worldwide, and welcomes paper submissions on a wide range of topics related to the principles and practice of robotics.

**Call for Exhibitions:** TAROS-2017 also invites organisations such as universities, research institutes, SMEs and industrial companies to participate as an exhibitor. [Read more](#)

## Launch of Science Robotics Journal

A new Journal from Science, Science Robotics was launched on 6th December 2016. It will publish original, peer-reviewed, science- or engineering-based research articles that advance the field of robotics.

The journal will also feature editor-commissioned Reviews. An international team of academic editors will hold Science Robotics articles to the same high-quality standard that is the hallmark of the Science family of journals. [Read more](#)



## Government £2bn Investment in Science Research & Development

The UK Prime Minister, Theresa May, has announced that the government plans to increase investment in scientific research and development, worth £2bn a year by 2020, and will create a new Industrial Strategy Challenge Fund to back priority technologies, such as robotics and biotechnology.

The PM also plans to announce a review of current research and development tax incentives to ensure the global competitiveness of the UK as a home for scientists, innovators and tech investors. [Read more](#)



## Success for UWE Bristol at Red Women of the Year Awards

The University of the West of England (UWE Bristol) is celebrating a double triumph at the Red Women of the Year Awards 2016.


There were prizes for assistive technologies researcher Dr Praminda Caleb-Solly and technology entrepreneur Samantha Payne at the annual award ceremony organised by women's lifestyle magazine Red.

Dr Caleb-Solly picked up the top award in the Science, Technology, Engineering and Maths (STEM) category on Monday evening while Samantha was one of three winners in the Women to Watch category. [Read more](#)



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