



## Highlights

School Robot Challenge

MediaCity Film Challenge

UK-RAS Health and Social Care Challenge 2018

EPSRC opens competition for Connected Nation Pioneers awards

## News & Events

Science Robotics Meeting in Japan

Industry Open Day: The EPSRC CDT in Embedded Intelligence

IET Robot Day

The Lancet Neurology: Expecting exoskeletons for more than spinal cord injury

## HIGHLIGHTS

### UK-RAS School Robot Challenge 2018

#### Welcome to the School Robot Challenge 2018!

This competition is intended to engage and inspire school children and students through the subject of robotics and space exploration.

It aims to provide a compelling introduction to computer aided design, robotics, and space exploration through the design, modelling, and animation of a virtual robot at work on another planet.

The competition is open to all school children and students in the UK from the ages of 4 to 18. There are two competitions: one for ages 4-12 and the other for ages 13-18.



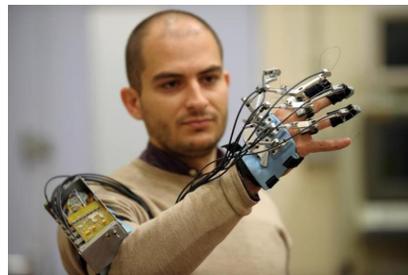
[READ MORE](#) ▶

### UK-RAS MediaCity Film Challenge 2018

Set in Salford, the UK RAS promotional video will showcase the latest in robotics.

Salford is a digitally enabled city where healthcare and academic professionals work together with Salford City Council in an integrated and collaborative way for the benefit for the community and for the advancement of technology.

This film's theme will showcase how robotics supports Social Care and Independent Living.



[READ MORE](#) ▶

---

## UK-RAS Health and Social Care Challenge 2018

### School Competition

For the UK Robotics Week 2018 Health and Social Care Challenge, we invite schools to submit their designs for a robot system that addresses the challenge of how to help older people to stay healthy and live independent lives.

For instance, the robot could assist with tasks of everyday life (such as eating or cleaning, or getting around), or it could enable people to maintain (or expand) their social lives, or it could help to deliver the treatments that they need.



[READ MORE](#) ▶

---

## EPSRC opens competition for Connected Nation Pioneers awards

A new awards competition, Connected Nation Pioneers, that will recognise exceptional UK doctoral students whose research contributes towards the development of a Connected Nation, is announced today by the Engineering and Physical Sciences Research Council (EPSRC). The competition is being sponsored by Dstl, Facebook, BT, Samsung, Huawei, Thales, Amazon and NVIDIA.

**EPSRC**

Engineering and Physical Sciences  
Research Council

**EPSRC's Chief Executive, Professor Philip Nelson**, said: The increasingly interconnected nature of our society is being driven by developments in science and engineering, these are creating new industries, opportunities and challenges.

[READ MORE](#) ▶

## NEWS & EVENTS

Science Robotics Meeting in Japan



Science Robotics

MEETING in JAPAN 2018

Empowered by  
AI, IoT and HRI

March 12, 13, 14, 2018

PLAZA HEISEI - Tokyo International Exchange Center

The American journal Science holds the first "Science Robotics Meeting in Japan"

The event, organised by the Science journal, is over three days 12 - 14th March 2018. It is held for the first time in Japan, the leading country for robotics technology and international experts have gathered to discuss and clarify the opportunities, challenges and issues, of this century's key robotics technology, in areas where science and industry intersect.

Chief editor Professor Guang-Zhong Yang gave the opening lecture on '**Science for Robotics and Robotics for Science**'

[READ MORE](#)

---

## Industry Open Day: The EPSRC CDT in Embedded Intelligence

The EPSRC Centre for Doctoral Training in Embedded Intelligence are hosting an Industry Open Day.

The day will run from 10.00 to 16.00 and we welcome individuals from companies to attend who wish to:

- Find out about what the CDT-EI is and what type of research questions we address
- Understand how we work with industry and how you can be part of our collaborations
- Learn about our activities through Cases Studies
- Tour Loughborough University research facilities and learn about our Schools research capabilities



[READ MORE](#)

---

## IET Robot Day

Derby's annual Robot Day will be taking place in QUAD in March. QUAD welcomes the third edition of Robot Day in partnership with the Institution of Engineering and Technology (IET) to celebrate British Science Week.



The free event will offer a range of robot-related STEAM (Science,

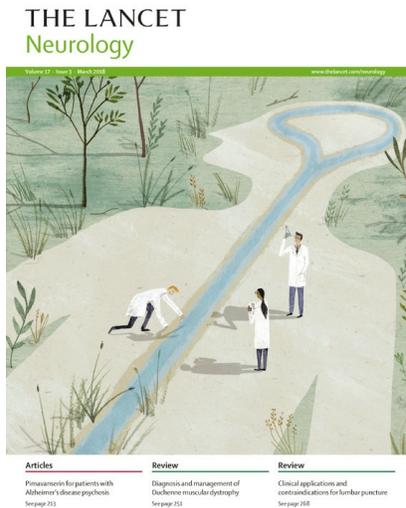
[READ MORE ▶](#)

## The Lancet Neurology: Expecting exoskeletons for more than spinal cord injury

The Lancet recently published an article on exoskeletons which highlights some of the work carried out by members of the UK-RAS Network, mainly at the Hamlyn Centre, Imperial College, London.

### Summary

Exoskeletons that can help the paralysed to walk are available now. But they might also help patients with stroke damage, cerebral palsy, multiple sclerosis, or Parkinson's disease. So when might they be ready to take home? Adrian Burton investigates.



[READ MORE ▶](#)

 Join Our  
Mailing List

STAY CONNECTED

 Like us on Facebook

Follow us on 

 Send to a Colleague