Research news

Let Robot Battle Commence (/university/colleges/eps/news/college/2014/Let-Robot-Battle-Commence-.aspx)

Celebrating the fourth edition of European Robotics Week (ERW), the School of Computer Science at the University of Birmingham will be taking part in a number of robot challenges from Monday 24 - Friday 28 November to showcase its broad and pioneering activity in the field of robotic research and development.

24/11/2014

From Lab Bench to Backbench (/university/colleges/eps/news/college/2014/From-Lab-Bench-to-Backbench.aspx)

John Bridgeman, Professor of Environmental Engineering and Director of Research and Knowledge Transfer in the College of Engineering and Physical Sciences will be swapping lab coat for legislation, when he visits civil servant, James Riches, at the House of Commons today (Monday 24 November) for a "Week in Westminster", as part of a unique pairing scheme run by the Royal Society – the UK's national academy of science.

24/11/2014

New mathematical discovery in maximal sum-free sets after a decade of the unknown (/university/colleges/eps/news/college/2014/New-mathematical-discovery-in-maximal-sum-free-sets-after-a-decade-of-the-unknown.aspx)

The College of Engineering and Physical Science Best Publication Award September 2014 was awarded to Andrew Treglown, University of Birmingham and József Balogh, Hong Liu, Maryam Sharifzadeh, University of Illinois for 'The number of maximal sum-free subsets of integers'.

13/11/2014

A cool appointment: Birmingham introduces new Visiting Professor of Power and Cold Economy (/news/latest/2014/11/13-Nov-14-A-cool-appointment-Birmingham-introduces-new-Visiting-Professor-of-Power-and-Cold-Economy.aspx)

Toby Peters, long-time advocate of UK-based innovation in energy systems and founder of Highview Power and the Dearman Engine Company, has been appointed to the position of Visiting Professor in Power and Cold Economy at the University of Birmingham.

13/11/2014

Recognition for University of Birmingham Research at IET Innovation Awards (/university/colleges/eps/news/college/2014/Recognition-for-University-of-Birmingham-Research-at-IET-Innovation-Awards-.aspx)

Talented PhD student, Mohammad Esgandari, has been nominated for the Institution of Engineering and Technology (IET) Innovation Award for his pioneering Partitioned Brake Pad concept.

12/11/2014

Birmingham and Nottingham projects to strengthen UK-Rio research links (/university/colleges/mds/news/2014/11/faperj-funding.aspx)

The University of Birmingham and the University of Nottingham have strengthened their collaborations with Brazilian institutions in the state of Rio de Janeiro after securing funding for a number of country-specific research projects. The Rio de Janeiro State Funding Agency (FAPERJ) has allocated £100,000 for nine research projects in 2014/2015, with the amount matched by combined funding from the Universities of Birmingham and Nottingham.

12/11/2014

Engineering and Physical Sciences in the media - November 2014 (/university/colleges/eps/news/eps-media/2014/november.aspx)

From Bob the Robot to postgraduate engineering courses.

11/11/2014

Human Factors in Healthcare (/schools/eese/news/human-factors-healthcare.aspx)

Professor Bob Stone's research on utilising virtual environments for patient care featured in an IEHF publication 'Human Factors in Healthcare'

06/11/2014

Birmingham and Nottingham projects to strengthen UK-Rio research links (/news/latest/2014/11/faperj-funding.aspx)

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06/11/2014

Cooking up carbon: sawdust and iron in the melting pot (/news/latest/2014/10/22-Oct-14-Cooking-up-carbon-sawdust-and-iron-in-the-melting-pot.aspx)

Chemists at the University of Birmingham have found a new way to make nanostructured carbon using the waste product sawdust, according to research published in the Royal Society of Chemistry journal Green Chemistry today (23 October 2014).

23/10/2014

High Temperature Research Centre reaches the top (/news/latest/2014/10/High-Temperature-Research-Centre-reaches-the-top.aspx)

Construction of the University of Birmingham's High Temperature Research Centre reached a significant milestone this week as the University and contractor Wates Construction celebrated the development's 'topping out'.

21/10/2014

Russell Group-China Workshop on Sustainable Energy and Carbon Reduction (/university/colleges/eps/news/college/2014/Russell-Group-China-Workshop-on-Sustainable-Energy-and-Carbon-Reduction.aspx)

A Birmingham delegation recently visited China to attend a Russell Group-China Workshop on Sustainable Energy and Carbon Reduction.

20/10/2014

Birmingham physicist elected UK ATLAS Physics Coordinator (/university/colleges/eps/news/college/2014/Birmingham-Physicist-elected-UK-ATLAS-Physics-coordinator.aspx)

Dr Kostas Nikolopoulos, Birmingham Fellow in the School of Physics and Astronomy, has been elected UK ATLAS Physics coordinator.

15/10/2014

Engineering and Physical Sciences in the media - October 2014 (/university/colleges/eps/news/eps-media/2014/october.aspx)

From security analysis on the national grid and rail systems to detoxing from technology and more...

14/10/2014

Birmingham puts LGBTQ identities at the heart of its curriculum (/news/latest/2014/10/lgbtq-curriculum.aspx)

The University of Birmingham is taking steps to ensure that its curriculum is inclusive towards those with lesbian, gay, bisexual, transgender or queer (LGBTQ) identities.

14/10/2014

High-speed rail college a boost for the region – the hard work starts now (/news/thebirminghambrief/items/2014/10/high-speed-rail-college-09-10-14.aspx)

Last week the government announced that the headquarters of the new National College for High Speed Rail will be located in Birmingham, with a satellite site in Doncaster. This is good news for the railway industry and good news for the two regions. It's also good news for the University of Birmingham, which will play a key role in the work of the college through its Centre for Railway Research and Education (BCRRE).

09/10/2014

High-speed rail college a boost for the region – the hard work starts now (/research/impact/thebirminghambrief/items/2014/10/high-speed-rail-college-09-10-14.aspx)

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09/10/2014

£13 million award backs world-class research supporting Midlands bioeconomy (/news/latest/2014/10/13-million-award-backs-bioeconomy-03-10-14.aspx)

Three of the Midlands' leading universities have been awarded £13 Million for a "Doctoral Training Partnership" to provide research training to support the Midlands bioeconomy.

03/10/2014

DC will win the battle of the currents thanks to new DC fault management system (/university/colleges/eps/news/college/2014/DC-will-win-the-battle-of-the-currents-thanks-to-new-DC-fault-management-system.aspx)

The final barrier preventing energy suppliers making the switch from AC power grids to faster, more efficient DC systems could now be removed, thanks to research carried out at the School of Electronic, Electrical and Systems Engineering.

02/10/2014

MPharm project shortlisted for a national e-learning award (/university/colleges/eps/STEM/news/MPharm-project-shortlisted.aspx)

News item. The virtual chemistry for pharmacy (MPharm) project has been shortlisted in the National E-Learning Awards 2014.

02/10/2014

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