

## News and events

### Events

#### **[Beale Lecture Series 2014/15 \(/schools/civil-engineering/news/events/beale-lecture-series.aspx\)](/schools/civil-engineering/news/events/beale-lecture-series.aspx)**

27/01/2015 - 03/03/2015

The School of Civil Engineering will be running its popular series of industrial lectures on Tuesday early evening during term-time. All students in the School, and anyone interested in the topic, are welcome. Each talk will be given by an engineer working in the civil engineering (or related) industry and the series will prove interesting, informative and an opportunity to meet potential employers – as well as giving students an insight into what they might be doing themselves in the not-to-distant-future.

#### **[The University of Birmingham speeds into The Big Bang Fair 2015 \(http://www.birmingham.ac.uk/university/colleges/eps/outreach/big-bang-fair.aspx\)](http://www.birmingham.ac.uk/university/colleges/eps/outreach/big-bang-fair.aspx)**

11 - 14/03/2015

The Big Bang Fair is the largest celebration of science, technology, engineering and maths for young people in the UK. We aim to show students a variety of exciting and rewarding opportunities available for a successful career in STEM subjects.

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### Selected news

#### **[Novel development of quantum sensors to 'Map the Underworld' \(/university/colleges/eps/news/college/2015/02/Novel-development-of-quantum-sensors-to-Map-the-Underworld.aspx\)](/university/colleges/eps/news/college/2015/02/Novel-development-of-quantum-sensors-to-Map-the-Underworld.aspx)**

EPSRC invested in a major multidisciplinary, multi-university project to prove the concept of technologies that could explore the underworld of buried pipes, cables and utilities beneath our feet in 2005. Since then a team of Birmingham civil engineers have played an important role in developing multi-sensor approaches to map underground utility systems as part of the 'Mapping the Underworld' project.

#### **[Majority of research in the School of Civil Engineering rated as internationally excellent in the latest national research assessment \(/schools/civil-engineering/news/research-excellence-framework-2014.aspx\)](/schools/civil-engineering/news/research-excellence-framework-2014.aspx)**

The performance of the School of Civil Engineering in the Research Excellence Framework, the system for assessing the quality of research in UK higher education institutions, has shown that the majority of its research was rated as internationally excellent.

#### **[Quantum Technology Hub announcement from a Civil Engineering viewpoint \(/schools/civil-engineering/news/quantum-technology-hub-civil-engineering-viewpoint.aspx\)](/schools/civil-engineering/news/quantum-technology-hub-civil-engineering-viewpoint.aspx)**

On Wednesday 26th November 2014, Greg Clark, the Minister of State for Universities, Science and Cities, visited the university to announce a national investment totalling £270 million for research into quantum technology across four hubs of scientists.

#### **[International rail conference speeds into Birmingham \(/news/latest/2014/12/international-rail-conference-04-12-14.aspx\)](/news/latest/2014/12/international-rail-conference-04-12-14.aspx)**

In the run up to the launch of HS2 the University of Birmingham is set to host an international conference on high-speed rail to mark the 50th anniversary of the first Shinkansen high-speed line in Japan.

#### **[From Lab Bench to Backbench \(/university/colleges/eps/news/college/2014/From-Lab-Bench-to-Backbench.aspx\)](/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.

#### **[Study hard and remember to network says new CIHT Fellow \(/schools/civil-engineering/news/CIHT-fellow.aspx\)](/schools/civil-engineering/news/CIHT-fellow.aspx)**

High flying transportation specialist Andy McLoughlin's decision to gain further qualifications at Birmingham and widen his professional horizons have led to a complete turnaround in his career.

#### **[New Staff in Civil Engineering, July - October 2014 \(/university/colleges/eps/news/schools/New-Civil-Engineering-staff-2014-3.aspx\)](/university/colleges/eps/news/schools/New-Civil-Engineering-staff-2014-3.aspx)**

A round-up of new Civil Engineering faculty March - July 2014.

#### **[A Summer at Mott MacDonald \(/university/colleges/eps/news/student/A-Summer-at-Mott-MacDonald.aspx\)](/university/colleges/eps/news/student/A-Summer-at-Mott-MacDonald.aspx)**

Final year Civil Engineering student Jo Maguire spent some time working with Mott MacDonald this summer. Here she gives us a taste of what she was doing.

#### **[Developing new solutions for rural roads around the globe \(/university/colleges/eps/news/college/2014/Developing-new-solutions-for-rural-roads-around-the-globe.aspx\)](/university/colleges/eps/news/college/2014/Developing-new-solutions-for-rural-roads-around-the-globe.aspx)**

The School of Civil Engineering launched the brand new 'Rural Roads for Development' programme this autumn as part of its portfolio of professional development courses.

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

#### **[Rail safety in China is on the right track with new degree courses \(/news/latest/2014/10/Rail-Risk-and-Safety-Management.aspx\)](/news/latest/2014/10/Rail-Risk-and-Safety-Management.aspx)**

The critical activities of managing safety and risk across China's vast and complex railway network is being aided by a new programme launched at the University of Birmingham, UK. The course in Railway Risk and Safety Management has been jointly developed by the Birmingham Centre for Railway Research and Education

### **[Birmingham at the IMechE Railway Challenge \(/schools/eese/news/iMechE-railway-challenge.aspx\)](/schools/eese/news/iMechE-railway-challenge.aspx)**

For the third year in succession the Birmingham Centre for Railway Research and Education have entered a vehicle in the IMechE Railway Challenge. With the only hydrogen-powered engine in the competition, the team had an excellent experience and achieved 3rd place in the competition.

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A selection of older items are located in the [news archive \(/schools/civil-engineering/news/archive/index.aspx\)](/schools/civil-engineering/news/archive/index.aspx)

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