

News and events

News and events relating to the School of Metallurgy and Materials.

News

[School of Metallurgy and Materials in top quartile in the UK for world-leading research \(/schools/metallurgy-materials/news/research-excellence-framework.aspx\)](/schools/metallurgy-materials/news/research-excellence-framework.aspx)

The School of Metallurgy and Materials is very pleased to have achieved an excellent performance in the Research Excellence Framework (REF) – the system for assessing the quality of research in UK higher education institutions. The School was ranked in the top quartile in the UK for world-leading research. Overall 86% of the research in the School was recognised as internationally excellent of which 31% was given the higher accolade of being world-leading.

['On the first day of Christmas my true love gave to me, a 3D printed Penguin family' \(/news/latest/2014/12/3d-laser-printed-penguins-18-12-14.aspx\)](/news/latest/2014/12/3d-laser-printed-penguins-18-12-14.aspx)

Could Santa be 3D printing your presents next year? Potentially - academics from the University of Birmingham have created a festive family of penguins using 3D laser printers.

[Appointment of Professor Ted Darby, Rolls-Royce, to Honorary Visiting Chair in "Nuclear Reactor Materials" \(/university/colleges/eps/news/college/2014/Appointment-of-Professor-Ted-Darby,-Rolls-Royce,-to-Honorary-Visiting-Chair-in-Nuclear-Reactor-Materials.aspx\)](/university/colleges/eps/news/college/2014/Appointment-of-Professor-Ted-Darby,-Rolls-Royce,-to-Honorary-Visiting-Chair-in-Nuclear-Reactor-Materials.aspx)



In recognition of Ted Darby's leadership in nuclear materials and contribution to marine reactor safety the University of Birmingham has appointed him to an Honorary Visiting Chair in Nuclear Reactor Materials in the School of Metallurgy and Materials.

[New Staff in Metallurgy & Materials, July - October 2014 \(/university/colleges/eps/news/schools/New-Metallurgy-and-Materials-staff-2014-3.aspx\)](/university/colleges/eps/news/schools/New-Metallurgy-and-Materials-staff-2014-3.aspx)

A round-up of new Metallurgy and Materials faculty March - July 2014

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

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

[Nuclear Engineering Students visit Xiamen for Clean Energy Summer School \(/university/colleges/eps/news/college/2014/Nuclear-Engineering-Students-visit-Xiamen-for-Clean-Energy-Summer-School.aspx\)](/university/colleges/eps/news/college/2014/Nuclear-Engineering-Students-visit-Xiamen-for-Clean-Energy-Summer-School.aspx)

Four Nuclear Engineering students visited Xiamen, China, in June to participate in the Clean Energy Science and Technology Summer School.

[Hydrogen Locomotion \(/university/colleges/eps/news/college/2014/Hydrogen-Locomotion.aspx\)](/university/colleges/eps/news/college/2014/Hydrogen-Locomotion.aspx)

Hydrogen, as an energy carrier, has received a great deal of attention because it can be produced from many different feedstocks, like electricity, and therefore can provide a clean source of power with minimal local emissions, especially if a fuel cell is used. Recently the Traction Systems Group has investigated the suitability of hydrogen to operate trains. The studies included the energy supply chain and the associated carbon emissions to allow a comparison the incumbent technologies in the railway market.

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