

News and events

News items and events relating to the School of Physics and Astronomy.

Events:

[BritGrav 15 public lecture: Gravitational waves—advances towards detection \(/schools/physics/news/events/gravitational-waves.aspx\)](/schools/physics/news/events/gravitational-waves.aspx)

25/02/2015

2015 marks the 100th anniversary of Einstein publishing his theory of general relativity. To celebrate this occasion, Professor Jim Hough will give a public talk on gravitational-wave astronomy. The talk is for a general audience with no physics or astronomy background. The lecture is free, but booking is required. Before and after the lecture, there will be refreshments, hands-on demonstrations and the chance to chat with our researchers.

See our **[Talks and Seminars page \(/schools/physics/news/physics-astronomy-seminars.aspx\)](/schools/physics/news/physics-astronomy-seminars.aspx)**.

News

[In conversation: arts and science \(/schools/physics/news/arts-and-science.aspx\)](/schools/physics/news/arts-and-science.aspx)

Caroline Devine (our Leverhulme Artist in Residence) and Professor Bill Chaplin have taken part in a workshop co-organized by the Arts and Humanities Research Council's Cultural Value Project and Science in Culture Theme, together with the Arts@CERN project. "In conversation: arts and science" explores interactions between artists and scientists, with an emphasis on how collaborations could potentially influence actual practice in each of the respective disciplines.

[90% of School of Physics and Astronomy's research outputs ranked world-leading or internationally excellent \(/schools/physics/news/research-excellence-framework.aspx\)](/schools/physics/news/research-excellence-framework.aspx)

The School of Physics and Astronomy's performance in the Research Excellence Framework (REF), the system for assessing the quality of research in the UK higher education institutions, has highlighted that 90% of research outputs in the School were rated as world-leading or internationally excellent.

[In Conversation: Exploring Art and Science Collaborations \(/schools/physics/news/exploring-art-science-collaborations.aspx\)](/schools/physics/news/exploring-art-science-collaborations.aspx)

Professor Bill Chaplin took part in a workshop co-organized by the Arts and Humanities Research Council's Cultural Value Project and Science in Culture Theme.

[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.

[Government funding will allow quantum technology industry to flourish in UK \(http://www.birmingham.ac.uk/research/impact/thebirminghambrief/items/2014/11/quantum-technology-27-11-14.aspx\)](http://www.birmingham.ac.uk/research/impact/thebirminghambrief/items/2014/11/quantum-technology-27-11-14.aspx)

We are on the way to creating a UK 'Quantum Valley', which, similar to Silicon Valley in the US, will provide an ecosystem of supply chain industries, skilled workforce and educated end users in which a multi-billion-pound quantum technology industry can flourish.

[Exploiting the 'spooky effects' of quantum mechanics: physicists receive £80 million in funding \(/news/latest/2014/11/26-Nov-14-quantum-mechanics-physicists-receive-80-million-in-funding.aspx\)](/news/latest/2014/11/26-Nov-14-quantum-mechanics-physicists-receive-80-million-in-funding.aspx)

A consortium led by physicists at the University of Birmingham including the Universities of Glasgow, Nottingham, Southampton, Strathclyde and Sussex have been awarded a UK Quantum Technology Hub with a total EPSRC, University and industry contribution exceeding £80 million to translate their work in quantum sensors into technology that could help industry solve many problems.

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

A round-up of new Physics and Astronomy staff members March - July 2014

[University of Birmingham Rocketry Society update - November 2014 \(/university/colleges/eps/news/student/UBRS-update-Nov14.aspx\)](/university/colleges/eps/news/student/UBRS-update-Nov14.aspx)



The University of Birmingham Rocketry Society (UBRS) is the newest and most explosive EPS group yet! Dan Luckett, Maths student and Deputy Director-General, tells us more.

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

[Proton radiotherapy: hype, fiction and a few facts \(/news/thebirminghambrief/items/2014/09/Proton-radiotherapy-hype-fiction-and-a-few-facts.aspx\)](/news/thebirminghambrief/items/2014/09/Proton-radiotherapy-hype-fiction-and-a-few-facts.aspx)

Proton beam therapy (or our preferred title of proton radiotherapy), is a form of radiotherapy delivered with beams of high energy protons rather than the more usual beams of high energy x-rays (or less frequently beams of electrons). It is part of the general field of particle radiotherapy that includes use of particles that are heavier than

protons. Beams of carbon ions are the main topic for clinical research around the world, although there is also interest in other particles such as helium ions.

Displaying 11 to 20 of 100

[Previous \(/schools/physics/news/index.aspx?NewsListingOrig_List_GoToPage=1&stylemediatype=print\)](#) [1 \(/schools/physics/news/index.aspx?NewsListingOrig_List_GoToPage=1&stylemediatype=print\)](#) [2](#) [3 \(/schools/physics/news/index.aspx?NewsListingOrig_List_GoToPage=3&stylemediatype=print\)](#) [4 \(/schools/physics/news/index.aspx?NewsListingOrig_List_GoToPage=4&stylemediatype=print\)](#) [5 \(/schools/physics/news/index.aspx?NewsListingOrig_List_GoToPage=5&stylemediatype=print\)](#)... [Next \(/schools/physics/news/index.aspx?NewsListingOrig_List_GoToPage=3&stylemediatype=print\)](#)

[Privacy](#) | [Legal](#) | [Cookies and cookie policy](#) | [Accessibility](#) | [Site map](#) | [Website feedback](#) | [Charitable information](#)

© University of Birmingham 2015

