

News and events

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

Events:

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

News

[The strange misalignment of Kepler-56 and its planets \(/news/latest/2013/10/17-Oct-13-The-strange-misalignment-of-Kepler-56-and-its-planets.aspx\)](/news/latest/2013/10/17-Oct-13-The-strange-misalignment-of-Kepler-56-and-its-planets.aspx)

Scientists at the University of Birmingham have discovered a stellar system in our Galaxy where the spin of its 'red giant' star and the orbits of its planets are misaligned, according to research published in the journal Science.

[What has the Higgs Boson ever done for me? \(/news/thebirminghambrief/items/2013/09/higgs-boson.aspx\)](/news/thebirminghambrief/items/2013/09/higgs-boson.aspx)



Nobody working in the subject was really surprised that this year's Nobel prize for physics was awarded to Peter Higgs; most of the speculation was over who he would share it with. Yet when Higgs and others first put forward their ideas in the mid 1960s, even specialists could have been forgiven for thinking that they were just plain crazy.

[Understand the Higgs boson at Royal Society Summer Science Exhibition \(/news/latest/2013/06/01-Jul-13-Understand-the-Higgs-boson-at-Royal-Society-Summer-Science-Exhibition.aspx\)](/news/latest/2013/06/01-Jul-13-Understand-the-Higgs-boson-at-Royal-Society-Summer-Science-Exhibition.aspx)

Physicists from the University of Birmingham will be showcasing some of their ground-breaking work through a series of interactive displays at the Royal Society's annual Summer Science Exhibition which opens to the public officially tomorrow (2 July 2013).

[Physics at Birmingham continues to rank highly in league tables \(/schools/physics/news/league-tables.aspx\)](/schools/physics/news/league-tables.aspx)

[University staff recognised in Queen's Birthday Honours \(/news/latest/2013/06/17-Jun-University-staff-recognised-in-Queens-Birthday-Honours.aspx\)](/news/latest/2013/06/17-Jun-University-staff-recognised-in-Queens-Birthday-Honours.aspx)

Two members of University of Birmingham staff have been recognised in the Queen's Birthday Honours.

[Cosmic giants shed new light on dark matter \(/news/latest/2013/06/13-Jun-13-Cosmic-giants-shed-new-light-on-dark-matter.aspx\)](/news/latest/2013/06/13-Jun-13-Cosmic-giants-shed-new-light-on-dark-matter.aspx)

Astronomers at the University of Birmingham, Academia Sinica in Taiwan, and the Kavli Institute of Physics and Mathematics of the Universe in Japan, have found new evidence that the mysterious dark matter that pervades our universe behaves as predicted by the 'cold dark matter' theory known as 'CDM'.

[Professor Kai Bongs wins £249,910 grant from Leverhulme Trust \(/schools/physics/news/bongs-award.aspx\)](/schools/physics/news/bongs-award.aspx)

Professor Kai Bongs has won £249,910 from the Leverhulme Trust for the project, Understanding and Exploiting Quantum Processes in Nature.

[Birmingham joins the world's largest nuclear physics research facility \(/news/latest/2013/04/03-May-13-Birmingham-joins-the-worlds-largest-nuclear-physics-research-facility.aspx\)](/news/latest/2013/04/03-May-13-Birmingham-joins-the-worlds-largest-nuclear-physics-research-facility.aspx)

Researchers from Birmingham will have access to the most impressive and advanced nuclear physics research facility in the world as the UK has today officially become part of a €1.6 billion* international project that will become to nuclear physics what CERN is to particle physics.

[Particle physics at the precision frontier \(/university/colleges/eps/news/fellows/evgueni-goudzovski-physics.aspx\)](/university/colleges/eps/news/fellows/evgueni-goudzovski-physics.aspx)



Birmingham Fellow Evgueni Goudzovski, School of Physics and Astronomy, discusses the Higgs Boson, the Standard Model, and his role in the NA62 experiment at CERN. This research really matters!

[Research news: Professor William Chaplin research grant \(/schools/physics/news/chaplin-grant.aspx\)](/schools/physics/news/chaplin-grant.aspx)

Prof W J Chaplin, School of Physics and Astronomy, won £155,078 from the Commission of the European Communities for the project, FP7 COLLAB SoSoSA.

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