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2018

Physics in Action

A limitless world awaits...

Five sessions of phenomenal physics will be brought to you by the brightest lights in the field in 2018. Join us for a day full of inspiration, challenge and engagement. A special session on examination success will provide students with the tools to excel.

- Pressing FIRE on the most powerful laser in the world
- The future ain't what it used to be
- The Knowledge - how to rebuild the world after an apocalypse
- Do you have what it takes to be an astronaut?
- Big Bang



University of Warwick,
Coventry,
CV4 7AL



Venue: £21 +VAT *

Plus one COMPLIMENTARY staff ticket per 10 students.

*VAT may be reclaimable. Please check with your finance department

Education in Action is the leading provider of inspirational, informative, Education in Action study days for A-level, IB, BTEC and GCSE students.

Award-winning, world-class speakers

Cutting-edge content

Thought-provoking demos and presentations

Examination hints, tips and guidance

Modestly priced to offer access to all

Complimentary staff ticket for every 10 students booked

Bookings can be amended up to 28 days before the event day

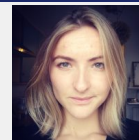
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Physics in ACTION

Pressing FIRE on the most powerful laser in the world / Ceri Brenner - Science and Technology Facilities Council

Want to see what happens to stuff when you shoot it with the most powerful laser in the world, or find out how these extreme beams are being applied for cancer treatment or jet engine imaging? We do that too.

Ceri Brenner is a senior physicist developing innovative imaging and inspection technology for use in medical diagnosis, nuclear waste management and aerospace performance testing.



The future ain't what it used to be / Mark Lewney - Mathematician and physicist

What will the Future be like, and why aren't astrologers rich? Predicting the future has changed dramatically over the centuries, and modern Quantum Physics and Chaos Theory now tell us that very basic systems cannot be predicted, even in principle.

Dr Mark Lewney, the Rock Doctor, winner of the first ever FameLab competition and guitar physicist blows your ears with rock guitar and blows your mind with Superstring Theory.



The Knowledge - how to rebuild the world after an apocalypse / Lewis Dartnell - University of Westminster

Imagine an apocalypse arrived tomorrow and you and other survivors must restart everything. What knowledge would you need to stay alive in the immediate aftermath, avoid another Dark Age and reboot civilisation from scratch?

Lewis is an astrobiologist studying how microbial life might persist on the surface of Mars. He appears regularly on the BBC, National Geographic and Discovery channels.



Do you have what it takes to be an astronaut? / Suzie Imber - University of Leicester

Join Suzie to hear about what it takes to become a scientist and an astronaut, discuss the commercialisation of the space industry and the future of space travel.

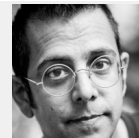
Suzie Imber is an Associate Professor of planetary science, and the winner of the BBC series Astronauts: Do You Have what it Takes?



Big Bang / Simon Singh - Science Writer

Simon will tell the story behind one of the greatest questions in the history of humanity - where did the universe come from? Is the universe eternal or was it created? Is the Big Bang the answer?

After a PhD in particle physics, Simon joined BBC TV, working on Tomorrow's World & Horizon. His BAFTA-winning documentary on Fermat's Last Theorem led to a No.1 bestselling book. Simon has written four other books, presented radio & TV programs, and created a math website (parallel.org.uk).



Education in Action

Gilmoora House | 57-61 Mortimer Street | London W1W 8HS
020 3008 6441 | office@educationinaction.org.uk
www.educationinaction.org.uk