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2020

Physics in Action

For A level and IB students

Five sessions of phenomenal physics will be brought to you by the brightest lights in the field in autumn 2020. Join us for a day full of inspiration, challenge and experimentation across the breadth of physics. A special session on examination success will provide students with the tools to excel. We look forward to welcoming you to Physics in Action this year!

- Pressing FIRE on the most powerful laser in the world!
- Predicting climate change
- Physicist, Engineer, Strategist - a Career in Space
- Visualising physics
- Big Bang



Emmanuel Centre, London
9 - 23 Marsham Street
London, SW1P 3DW



£24 + VAT*

Plus one COMPLIMENTARY staff ticket per 10 students. *VAT may be reclaimable please check with your finance department

ttp 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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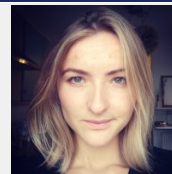
Physics in ACTION

Pressing FIRE on the most powerful laser in the world! / [Ceri Brenner](#)



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.



Visualising physics / [Lewis Matheson](#)

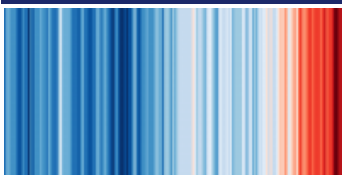


Join Lewis Matheson for a journey through A Level Physics, showing the relationships that exist and revealing the hidden side of the Universe in an action-packed session!

Lewis Matheson used to be a Head of Science and now runs a successful YouTube channel with hundreds of GCSE and A Level Physics videos used by thousands of students. [...]

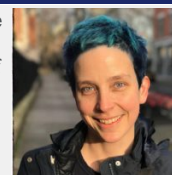


Predicting climate change / [Tamsin Edwards](#)



Where do climate predictions come from? How can we make sense of different news stories that say things will be better than we thought...or worse? Tamsin will talk about how we can predict the different possible futures for our planet.

Dr Tamsin Edwards is a climate scientist specialising in quantifying the uncertainties of climate model predictions, particularly for the Antarctic and Greenland ice sheet contributions to sea-level rise.

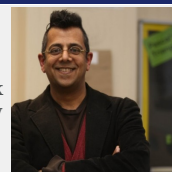


Big Bang / [Simon Singh](#)



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?

Simon is an author and broadcaster. His books include Fermat's Last Theorem, The Code Book, The Big Bang, Trick or Treatment and most recently The Simpsons and Their Mathematical Secrets.

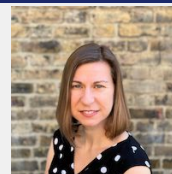


Physicist, Engineer, Strategist - a Career in Space / [Liz Seward](#)



Satellites forecast the weather, monitor crops, track pollution, explore the solar system & observe other stars but how do they survive launch, -270°C in deep space, the hot sun and operate for over 10 years with no chance of repair? [...]

Liz is a Senior Space Strategist at Airbus Defence and Space. Previous roles covered technical marketing, thermal engineering and future programmes. She has additional roles [...]



The Training Partnership

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