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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 spring 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!

- The SI redefined
- Electrifying the voice
- Exploring the invisible universe



Emmanuel Centre, London
9 – 23 Marsham Street
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£23 + 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.

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



Education
in ACTION

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The SI redefined / [Michael de Podesta](#)



2019 sees changes to the definitions of the kilogram, ampere, kelvin and mole, four of the seven 'SI' units. Michael explains these changes and why, even though you probably didn't even notice anything, you should be happy about them.

Michael's research interests concern all aspects of temperature measurement. Michael is a chartered physicist, a member of the Institute of Physics, and received an MBE for Services to Science



Electrifying the voice / [Trevor Cox](#)



How does the voice work and how has it been changed by technology? Drawing on examples from opera to hip-hop, Trevor shows how physics, psychology and neuroscience can help explain diverse singing styles.

Trevor is Professor of Acoustic Engineering at the University of Salford, an author and radio broadcaster.



Exploring the invisible universe / [Jen Gupta](#)



We see only a tiny fraction of all there is in our possibly-infinite universe. Jen will look at the universe in different wavelengths across the electromagnetic spectrum, and explore some of the unsolved mysteries facing astrophysicists and cosmologists today.

Jen Gupta is an astrophysicist who loves to talk about how awesome space is with anyone who will listen!



The Training Partnership

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