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Chemistry in Action

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Join us for an incredible day of chemistry, taking students from their studies to cutting-edge research and future applications in great style! Five sessions from leading chemists in academia and industry will inspire the scientists of the future. A special session on examination success will ensure students are equipped with the tools to excel.

- How to discover a new element
- Plastic fantastic?
- Lights, crystals, action!
- The carbon revolution
- Peter Wothers' tales from the periodic table



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



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How to discover a new element / [Kit Chapman](#)

Ever wanted your name on the periodic table? Kit will reveal the secrets of creating a new chemical element, exploring a world where atoms are so unstable they exist for the blink of an eye.

Kit Chapman is an award-winning science journalist who currently writes for Chemistry World. His book on element discovery, *Superheavy*, will be published in 2019.



Plastic fantastic? / [Jamie Gallagher](#)

It can be any shape, colour, property and lasts 500 years! Despite the damage plastic does to the environment demand has never been higher. Join Jamie to discover the amazing properties of plastic and how to tackle the plastic problem.

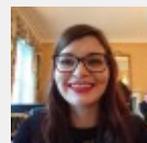
Dr Jamie Gallagher is a scientist and science communicator. He was recognised as one of the UK's "100 Leading Practising Scientists" by the Science Council.



Lights, crystals, action! / [Claire Murray](#)

Crystals are incredibly tiny things that contain a huge amount of knowledge. They form from repeating units of atoms and molecules and these can be identified via diffraction. Join Claire to discover how powerful one miniscule crystal can be!

Claire works at the UK's national synchrotron, Diamond Light Source. She studies little and large molecules, mainly using X-ray diffraction to understand their shape and their properties.



The carbon revolution / [Jonathan Hare](#)

We no longer just have diamond and graphite as the pure forms of carbon but have chains, rings, cages, nanotubes and graphene. Jonathan will journey through these amazing structures taking us from Buckyballs to Nobel prizes and our nanotech future.

Dr. Jonathan Hare is a freelance science communicator and visiting lecturer in science communication at Sussex University.



Peter Wothers' tales from the periodic table / [Peter Wothers](#)

Dr Peter Wothers is a lecturer in chemistry at the University of Cambridge and a Fellow of St Catharine's College.



The Training Partnership

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