

Chemistry in ACTION

FEB
28
2018

Chemistry in Action

Chemists have all the fun...

Join us in spring 2018 for an incredible day of chemistry! 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.

- Shining a light on the quantum world: how spectroscopy peeks within the atom
- The periodic table of the oceans
- Rock Paper Scissors
- Pheromones – sexy signals?
- Andrea Sella



Emmanuel Centre, London,
London,
SW1P 3DW



Venue: £23 +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

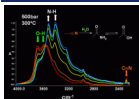
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Featuring a special session with expert hints and tips for exam success.

Shining a light on the quantum world: how spectroscopy peeks within the atom /

Stephanie Pendlebury - Imperial College London



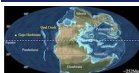
Steph will introduce a tale of two spins - how perseverance, the founder of an investment bank, and bad cigars shaped modern science and led to the development of masers, the atomic clock, and MRI scanners.

Steph uses lasers to study materials to make an artificial tree to convert air and water into fuel, and project manages the Solar Fuels Network.



The periodic table of the oceans /

Kate Hendry - British Antarctic Survey



For life to thrive in the oceans it needs elements from across the periodic table, from phosphorous to silicon, iron to zinc. Join Kate as she uncovers the essential building blocks of everything in the sea... even the polar bears.

Kate Hendry is a chemical oceanographer who explores the deep sea, from the Arctic to the Antarctic.



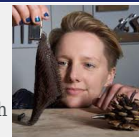
Rock Paper Scissors /

Anna Ploszajski - Materials Scientist, Writer and Storyteller



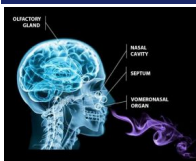
Materials science is just one big game of rock paper scissors. Join Anna Ploszajski as she uncovers the invisible secrets of the material world, from the earliest stone tools to the information age and beyond.

Anna Ploszajski is a materials scientist, author, presenter and science comedian who is on a mission to get people fascinated by the ordinary stuff which makes up the world around us. Her book Handmade tells the story of materials through their use in arts and crafts.



Pheromones - sexy signals? /

Tristram Wyatt - Oxford University



Pheromones are invisible chemical signals used by every kind of animal in every habitat, including the trails that lead ants to your picnic. The range of pheromone molecules is as wide as the sense of smell. Do humans have them?

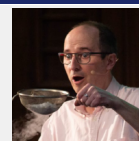
Tristram is a researcher and the author of 'Animal Behaviour: a Very Short Introduction'. His TED talk on human pheromones has had more than a 1 million views.



Andrea Sella /

Andrea Sella - Chemist and broadcaster, University College London

Andrea is a synthetic chemist and broadcaster who is interested in the structure and bonding in the rare earths. He has been involved in numerous radio and television projects.



Education in Action

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