

Chemistry in ACTION

DEC
2
2024

Chemistry in Action

For A-level, IB, BTEC Level 3 and T Level chemistry students

Join us for an amazing day of exhilarating chemistry which will take students from key concepts learnt in the classroom to the latest advancements in chemical research! Through five engaging sessions students will meet experienced scientists from academia and industry and be inspired to become the scientists of the future.

Each day also includes a special session on examination success that will ensure students are equipped with the tools they need to excel. There will be plenty of interactivity throughout the day, with polls, quizzes and (of course) your chance to question the scientists – join us at Chemistry in Action this autumn!

Host: Greg Foot (Science Journalist, Presenter and Podcaster)

Exam Session: Peter Hoare (Newcastle University)

More speakers for this exciting event will be announced soon!

- Strange Ice
- How Chemistry can Save You after an Apocalypse...!
- How can we use chemistry to design biosensors?
- Pathways to Chemistry: a Panel Discussion



Emmanuel Centre, London,
London,
SW1P 3DW



Venue: £25.50 +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

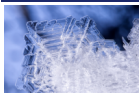
Bookings can be amended up to 28 days before the event day

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Strange Ice /

Andrea Sella – Chemist and broadcaster, University College London



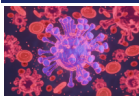
From the freezer to a refreshing drink, ice is everywhere. But how well do you really know it? Andrea Sella will demonstrate how ice is a material so strange that it breaks almost every rule in our textbooks. Discover its unusual properties, compare it with other ices, and uncover what ice may be telling us about the certainty of our futures...

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.



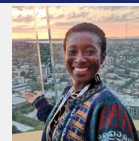
How can we use chemistry to design biosensors? /

Esther Osarfo-Mensah – University College London



Did you know that there are tiny particles in your body that your cells use to communicate? We'll look at how we can use chemistry to capture these particles and use them to potentially detect diseases.

Esther is a PhD student working across UCL and Imperial College London. After her MChem Chemistry degree at the University of Bath, she worked in science communication. Now, her research focuses on cell membrane mimics and developing sensors for disease detection.



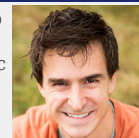
How Chemistry can Save You after an Apocalypse...! /

Lewis Dartnell – University of Westminster



Imagine you wake up tomorrow and the world as we know it has collapsed... How could you use your knowledge to survive in the post-apocalyptic wasteland? What simple chemistry would be most crucial for helping you reboot civilisation from scratch?

Lewis is the author of 'THE KNOWLEDGE: How To Rebuild Our World After An Apocalypse'. He appears regularly on the BBC, National Geographic and Discovery channels.



Pathways to Chemistry: a Panel Discussion /

Greg Foot – Science Presenter and Communicator



Science journalist Greg Foot will engage in captivating conversations with three chemistry professionals in this inspiring, career-focussed panel session. These scientists are at the start of their careers and keen to share their passion for science and excitement for the future with your students.

Greg is a Science Journalist who has been writing, hosting & producing science content for 15+ years across TV, Radio, YouTube, Podcast, & Stage. He currently writes & hosts his popular BBC 4 show and podcast Sliced Bread and is a regular on BBC Morning live.



Education in Action

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