

MAR
22
2021

Chemistry in Action

For A level and IB students

Join us live streamed and ONLINE 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. 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 in March!

- A is for Arsenic
- The quantum rainbow
- Tales from the Periodic Table
- Making the invisible visible
- The Elements of Chemistry



Online



Online: £12+VAT*

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 45 days before the event day



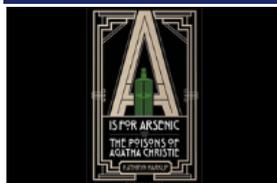
Education
in ACTION

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Chemistry in ACTION

A is for Arsenic /

Kathryn Harkup Chemist and author



Many poisons were once found on pharmacy shelves. Kathryn will examine the chemistry behind four former medicines and their effects on the body with some killer case studies.

Kathryn is a chemist and science communicator specialising in delivering talks and workshops on the quirky side of science.



Making the invisible visible /

Rachel Bolton-King Staffordshire University



Someone has been shot, but witnesses are too scared to come forward. Help Rachel use cutting-edge techniques to reveal hidden evidence and establish the truth.

Rachel specialises in the investigation of shooting incidents, working with forensic scientists and legal professionals across the world.



The quantum rainbow /

Jamie Gallagher University of Glasgow



Since the earliest days of chemistry, colour and appearance have been used to understand the nature of materials. Now in the 21st century we can understand and control chemical colour as never before. From the quantum confinement effects of nanomaterials to the conjugated double bonds systems of organic molecules, colour chemistry is complex and beautiful. Explore this extraordinary world and discover how it is being used to tackle some of the world's biggest problems.

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.



The Elements of Chemistry /

Peter Hoare Newcastle University



With demonstrations galore, we will discover the chemistry of some important elements, especially the transition metals, involving key chemical processes such as redox, catalysis, complex formation, combustion and kinetics.

Peter has a chemistry PhD and over 20 years experience as a chemistry teacher. He is also an experienced chemistry A-level exam marker, education consultant and CPD trainer.



Tales from the Periodic Table /

Peter Wothers University of Cambridge



Join Peter Wothers for an exploration of the history of the periodic table, and find out why it's so fundamental that he believes it would probably be familiar to an alien species.

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



The Training Partnership

Gilmoora House | 57-61 Mortimer Street | London W1W 8HS
020 3008 6441 | office@thetrainingpartnership.org.uk
www.thetrainingpartnership.org.uk