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Chemistry in Action

For A level and IB students

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. Join us for a day of scientific discovery!

- Green energy materials in 3D – batteries included
- Materials for the 21st century
- Personalised cancer treatment – the role of chemistry
- Do you smell almonds?



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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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in ACTION

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Green energy materials in 3D – batteries included / [Saiful Islam](#)



Development of new materials is crucial to advance green energy. Saiful will highlight (with 3D specs) the use of atomic-scale modelling and structural techniques to understand new crystalline materials for

Saiful is Professor of Materials Chemistry at Bath University. He is a recipient of the Royal Society Wolfson Research award and gave the 2016 Royal Institution Christmas Lectures for BBC4.



Personalised cancer treatment – the role of chemistry / [Belle Taylor](#)



The sheer breadth of chemistry means that its role in human biology is often overlooked. Belle introduces the chemistry behind cancer before moving on to how cutting-edge chemical techniques are defining how we investigate and treat tumours.

Belle is Strategic Partnerships Manager at Cambridge Cancer Genomics (CCG.ai), an AI biotech startup. Her PhD studies focused on plasma phase electrochemistry. She is an experienced science communicator and regularly



Materials for the 21st century / [Mark Miodownik](#)

Prof Miodownik is a materials engineer. His book *Stuff Matters* won the Royal Society Winton Prize.



Do you smell almonds? / [Jamie Gallagher](#)



The hottest chillies, coolest mints and sweetest drinks – chemistry lets us understand our favourite flavours. Discover what pushes our taste buds to the limit and how very small differences can lead to dramatically different tastes as we open the

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 Training Partnership

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