

Environmental and earth chemistry

Friday 5 April, 2019

National Physical Laboratory, Hampton Road, Teddington TW11 0LW



Sessions led by Industry experts

Professor Dudley Shallcross

Refine your practical techniques and explore new and engaging approaches to deliver this topic at KS3 and KS4

- Design and deliver effective practicals that are suitable for students of all abilities
- Improve your confidence in teaching this topic contextually and practically to increase student engagement and outcomes
- Learn new teaching strategies to deliver this topic through independent practical investigation and real world examples
- Tour the National Physical Laboratory and update your knowledge on the latest research

Prices (subject to VAT at 20%)

£195 (PTI Members)

£295 (non-members)

£145 (places from the same department)

For more information, contact:

E: events@ptieducation.org

T: 020 3174 1235

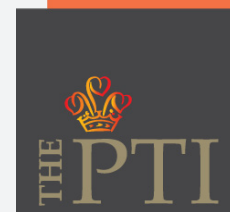
This day is for you if:

- You teach Science at KS3 or KS4
- You would like to learn new teaching strategies to deliver interactive lessons that generate enthusiasm and subject knowledge
- You want to network with teachers from across the country to develop new resources and to share best practice
- You want to discover new approaches to practicals based on recent pedagogical research

Book now at www.ptieducation.org/events

Speakers

Putting you in touch with up to date subject knowledge



Professor Dudley Shallcross was the first ever National Teaching Fellow in Chemistry in the UK and remains the youngest ever awardee in Science. His research interests centre on the Earth's atmosphere and include air pollution, climate change, ozone depletion and biogeochemical cycling of the elements. He is currently part-time Director of the Primary Science Teaching Trust and leads a world renowned atmospheric chemistry research group. He has won 18 awards for his atmospheric chemistry research, science teaching and science communication.

Teacher Leaders

All of our days are developed and led by practising teachers

This day will be led by **David Fairclough**, second in department and lead Chemistry teacher at St. John Fisher Catholic Voluntary Academy, Dewsbury. David is an experienced teacher with a passion for developing new evidence based practices, and has spent his recent years investigating alternative approaches for teaching Chemistry effectively through practical enquiry, further exploring the use of microchemistry, augmented reality and home made data loggers as a teaching tool.

Workshops

Workshop 1: Atmospheric chemistry

Workshop 2: Earth and material science

“The day was filled with excellent practical activities and great explanations of the science involved. I will definitely be using these great ideas and resources in the classroom!”

- 2017 Science CPD Participant



About The PTI

We know that for every student in every school, every teacher matters.

The PTI is a charity run by teachers, for teachers. We re-engage teachers with their specialist subjects, inspiring them to bring enthusiasm into class and raise the aspirations of their students.

www.ptieducation.org