

Shaleology Forum – Agenda

Friday, 6th October 2017

The Geological Society
Burlington House, Piccadilly
London, W1J 0BG

09.00 Arrivals & Refreshments

Registration & coffee and tea on arrival

10.00 Morning Session: State-of-the-art in Shale gas research

10.00 **Welcome & Introduction to ShaleXenvironmentT research programme and modelling**
Alberto Striolo, University College London (Coordinator of ShaleXenvironmentT project)

10.20 **3D and 4D imaging of shales: pores, organics and fractures**
Kevin Taylor, University of Manchester

10.40 **High-pressure gas sorption studies on shales and Gas-In-Place calculations**
Ronny Pini, Imperial College London

11.00 **Modelling gas transport in shale rocks: advances and challenges**
Yonghao Zhang, University of Strathclyde

11.20 **Noble gases in gas shales: Indicators of fluid movement**
Sudeshna Basugupta, University College London

11.40 **Anisotropic fracture properties of shale**
Phil Meredith, University College London

12.00 **Anadarko's stakeholder engagement program and sustainability; experience from USA**
Jill Cooper, Andarko Petroleum Corporation, USA

12.20 Lunch & Poster session

Time for interactions between students, researchers, speakers and other attendees

14.00 Afternoon Session & Panel Discussion: Perspectives for the future of Shale gas research

14.00 **FracRisk, making complex coupled numerical models for risk assessment accessible to non-expert use**
Christopher Mcdermott, University of Edinburgh

14.20 **Measuring permeability and tortuosity in shales**
Nils Backeberg, ROSKILL Ltd

14.40 **Halliburton Core Vault technology for high pressure coring**
Don Westacott, Halliburton, USA

15.00 **Guidelines for environmental monitoring**
Gary Edwards, UK Environment Agency

15.20 **Panel Discussion**
Panel Members: Gary Edwards, Pickard Trepess, Jill Cooper

16.20 **Closing remarks**
Alberto Striolo & Adrian Jones, University College London (Coordinators of ShaleXenvironmentT)

16.30 End of the forum