



**Chemical Crystallography Group
Autumn Meeting 2016**

“Non-Ambient Crystallography”

Wednesday 16th November 2016

Room 2.21 of the Research Beehive, Newcastle University

10:30 Registration (COFFEE/TEA)

Session 1 – Chair: Gareth O. Lloyd (Heriot-Watt University)

- 11:00** **Dr Pete Wood** (CCDC)
Elementary Research: Gases, MOFs & the CSD
- 11:30** **Dr Mark Warren** (Diamond)
Gas apparatus for in-situ crystallographic experiments on beamline I19 Diamond Light Source
- 12:00** **Dr Nick Funnell** (STFC)
PEARL – high-pressure diffraction at ISIS

12:30 **LUNCH**

Session 2 – Chair: Katharina Edkins (University of Durham)

- 14:00** **Dr Lauren Hatcher** (University of Bath)
“Exciting” crystals(!): studying molecular photo-switches by in-situ Photocrystallography
- 14:35** **Dr Mike Probert** (Newcastle University)
Low T to nearly no T - ultra low temperatures in the home lab
- 15:10** **COFFEE/TEA**

Session 3 – Chair: Simon Parsons (Edinburgh University)

- 15:40** **Dr Iain Oswald** (Strathclyde University)
Can the solvent of crystallisation impact on high pressure behaviour?
- 16:15** **Dr Stephen Moggach** (Edinburgh University)
Guest Induced Flexibility and Structural Stability of Metal Organic Frameworks under Extreme Conditions
- 16:50** **Final remarks/Discussion**
- 17:05** CLOSE

This meeting has been kindly sponsored by **Bruker Diffraction**

