



09:45 - 10:20	Arrival and coffee
10:20 - 10:40	Welcome & Introduction - Philip King (ISIS Neutron and Muon Source)
10:40 - 11:20	(keynote) Paul Attfield (University of Edinburgh) My 40 years of powder neutron diffraction at ISIS
11:20 - 11:40	Abbie McLaughlin (University of Aberdeen) Neutron Diffraction Studies of the Dual Ion Conductor $Ba_7Nb_4MoO_{20}$
11:40 - 12:00	Duncan Gregory (University of Glasgow) Microwave Synthesis of Inorganic Materials; Insight and Advances
12:00 - 12:10	Photograph
12:10 - 13:00	Lunch
13:00 - 13:20	David Lennon (University of Glasgow) Neutron scattering studies of the methanol-to-hydrocarbons reaction over a zeolite catalyst
13:20 - 13:40	Simon Titmus (University of Edinburgh) Using neutrons to understand the flow of molten chocolate
13:40 - 14:00	Katharina Edkins (University of Strathclyde) Structure and dynamics in soft and disordered materials for pharmaceutical application
14:00 - 14:20	David Adams (University of Glasgow) Adaptive Self-assembled Dipeptide Systems
14:20 - 14:50	Tea and Coffee
14:50 - 15:10	Caroline Kirk (University of Edinburgh) Structures and High Temperature Stability of Metatorbernite ($Cu(VO_2)_2(PO_4)_2 \cdot 8H_2O$) and Metazeunerite ($Cu(VO_2)_2(AsO_4)_2 \cdot 8H_2O$) – Important Materials for the Remediation of U and As
15:10 - 15:30	Pascal Manuel (ISIS Neutron and Muon Source) A new single-crystal and thin-film diffractometer WISH-II and polarisation upgrade on WISH
15:30 - 15:50	Iain Oswald (University of Strathclyde) Uncovering phase transitions in molecular systems at high pressure
15:50 - 16:10	Alex Gibbs (St Andrews University & ISIS Neutron and Muon Source) Solving quantum puzzles with high-resolution neutron diffraction
16:10 - 16:20	Break
16:20 - 16:40	Sean Langridge (ISIS Neutron and Muon Source) ISIS-II: the UK's next-generation neutron and muon source
16:40 - 17:20	(keynote) Bill David (ISIS Neutron and Muon Source) 1984 and all that
17:20 - 18:30	Reception



ISIS Science Roadshow

27th June 2024



ISIS Neutron and Muon Source

Centre for Science at Extreme Conditions
The King's Buildings, The University of Edinburgh

