

10.15-11.00 Arrival (Chemistry Concourse)

Session 1 Lecture theatre G.51 (Chair – Dr Alison Parkin, University of York)

- 11.00 Welcome (Dave Mills)
- 11.05 Liam Curless, University of Manchester
'Frustrated Lewis pairs: From boron to carbon Lewis acids.'
- 11.25 Shubhanchi Nigam, University of Hull
'Radiolabelled B-F...P pincer triphenylphosphonium derivatives for mitochondrial imaging.'
- 11.45 Jerico Piper, University of Sheffield
'Photoinduced energy- and electron-transfer in supramolecular host/guest assemblies based on a coordination cage.'
- 12.05 Vikki Pritchard, Leeds University
'Metallo-Supramolecular Assemblies as Functional Architectures.'
- 12.25 Lunch and posters (Chemistry Concourse and GE.005A/B)

Session 2 Lecture theatre G.51 (Chair – Dr Graeme Stasiuk, University of Hull)

- 13.40 George Platt, University of York
'Shining infrared light on the mechanism of direct C-H arylation reactions of fluorinated aromatic molecules.'
- 14.00 Luke Wilkinson, University of Huddersfield
'Proton-Coupled Mixed Valency.'
- 14.20 Yifei Kong, Leeds University
'Microwave-assisted aqueous synthesis of ribonuclease-A-encapsulated galena quantum dots as in vivo second infrared reporters.'
- 14.40 Irem Yalavac, University of Manchester
'Generating Complexity: Radical Cascade Cyclisations using $\text{SmI}_2\text{-H}_2\text{O}$.'
- 15.00 Coffee and posters (Chemistry Concourse and GE.005A/B)

Session 3 Lecture theatre G.51 (Chair – Dr Jamie Gould, Leeds University)

- 15.40 Hayley Bignell, University of Hull
'Radiolabelled silica shell iron oxide nanorods: potential PET/MR multimodal imaging constructs.'
- 16.00 Rory Campbell, University of Sheffield
'Energetic Nitrogen-Rich Compounds: Extensively Hydrogen-Bonded Structures and Novel Tin Azides.'
- 16.20 Amritvir Kaur, University of Central Lancashire
'Synthesis and characterization of multifunctional porous nanocomposites for the removal of pollutants from water.'
- 16.40 Julia Sarju, University of York
'Decarbonylation of Unstrained Ketones Catalysed by Platinum(II) Complexes.'
- 17.00 Closing comments (Louise Natrajan)
Poster session and refreshments (Chemistry Concourse and GE.005A/B)