



XMaS User Meeting 2015

Room 337, Department of Physics, Oliver Lodge Laboratory, University of Liverpool

Wednesday June 3rd 2015

- | | |
|-------|--|
| 10.30 | Coffee |
| 11.00 | Welcoming Remarks (Chris Lucas/Tom Hase) |
| 11.10 | Understanding stress in Magnetostrictive materials
Bridget Murphy (University of Kiel, Germany) |
| 11.30 | Resonant x-ray scattering in iridates: magnetic order and excitations
Christian Donnerer (University College London) |
| 11.50 | Escaping the quantum critical singularity; modulated magnetism in PrPtAl
Andrew Huxley (University of Edinburgh) |
| 12.10 | Developing traceable links between mesoscopic strain and crystallography through
in-situ interferometry
Sean McMitchell (XMaS) |
| 12.30 | Lunch |
| 13.30 | Quiescent bilayers at the solid-liquid interface
Wuge Briscoe (University of Bristol) |
| 13.50 | Comparisons between Bulk and Surface Structures from a Novel Block Co-polymer
Gemma Newby (ESRF) |
| 14.10 | A Portable 3D-printed Chamber for Synchronized Electrical and GI-WAXS
Measurements During In- situ Processing
Samuele Lilliu (University of Sheffield) |
| 14.30 | Structure of the Electrochemical Interface
Yvonne Gründer (University of Liverpool) |
| 14.50 | Tea |
| 15.10 | From safer sex to conservation of heritage metals: portable environmental cells and
whole field XEOL microscopy
Mark Dowsett (University of Warwick) |
| 15.30 | Activation and Deactivation of a Robust Immobilized Cp*Ir-Transfer Hydrogenation
Catalyst: A hard-soft XAS study
Bao Nguyen (University of Leeds) |
| 15.50 | X-Ray Spectroscopy for chemistry in the 2-4 keV energy Regime at the XMaS
beamline
Mark Newton (University of Warwick) |
| 16.10 | The 2018 ESRF Upgrade and the Future of XMaS
Chris Lucas/Tom Hase |
| 16.30 | User Discussion and Drinks Reception |
| 17.00 | Close |