

Surface Science Day, 17 December 2018, University of Birmingham

Meeting Programme

9:10 **Opening** Prof T S Jones, Provost / Dr Q Guo

9:25 **P Sloan**

Controllably Quenching a Single Chemical Reaction

10:00 **M Buck**

Changing Direction: Self-Assembly of Aromatic Carboxylic Acids at the Liquid/Solid Interface

10:35 Coffee

11:05 **C Hardacre**

Non-Thermal Plasma Activated Catalysis

11:40 **R Nichols**

Charge Transfer at the Single Molecule Level with Metal and Semiconductor Electrodes

12:15 **P King**

Electronic Structure and Charge-density Wave Order of Monolayer Transition-metal Dichalcogenides

12:50 Lunch and poster

15:00 **G Held**

Near-ambient Pressure XPS/NEXAFS at Diamond Light Source

15:35 **H Arnolds**

Raman Spectroscopy of Molecular Electronic Junctions

16:10 Coffee

16:30 **L Siller**

Bio-inspired Energy Materials and Processes – from Nanoscale Science and Surface Science to Applications

17:05 **J Ellis**

He Spin-Echo Measurements as a Probe of Rate Theory

17:40 Poster Prize/closing

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