



2018 RSC Butler Symposium

25th April, Department of Chemistry

School of Natural and Computing Sciences

University of Aberdeen

Programme

- 10:00 Registration and coffee
- 10:45 Welcome / safety notes
- 10:50 – 11:10 Li Tianyue – *University of Edinburgh*
Lead-free Pseudo-three dimensional Iodobismuthate Materials as Light Absorbers for Hybrid Solar Cells
- 11:10 – 11:30 Michael Shipman – *University of Glasgow*
A re-evaluation of Sn(II) phthalocyanine as a catalyst for the electrosynthesis of ammonia
- 11:30 – 11:50 Zhen Yao – *University of St Andrews*
Electrodeposition of Cu-Pd onto a Pyridine-terminated Self-assembled Monolayer
- 11:50 – 12:10 Jonathan Amolo Mwanda – *University of Aberdeen*
Electrochemical Metallization of Cyanide-Modified Pt (111) electrodes with Copper, Silver and Palladium
- 12:10 – 12:30 Mohammed Shbeh – *University of Sheffield*
Modification of Titanium Foams for Biomedical Applications

- 12:30 – 13:30 Lunch and posters
- 13:30 – 13:50 Marco Papasizza – *University of Aberdeen*
In situ monitoring with ATR-SEIRAS of CO₂ electroreduction on Au in a RTIL / water mixture
- 13:50 – 14:10 Liam Plunkett – *Newcastle University*
Investigation into Non-Aqueous Aluminium Battery Materials for Enhanced Power and Capacity
- 14:10 – 14:30 Edmund Leary – *University of Liverpool*
Bias-driven conductance increase with length in porphyrin tapes
- 14:30 – 14:50 Tabbi Wilberforce – *University of the West of Scotland*
Effect of humidification of reactive gases on the performance of a proton exchange membrane fuel cell
- 14:50 – 15:15 Coffee and posters
- 15:15 – 16:00 **Keynote lecture** – Prof. Richard Nichols, *University of Liverpool*
Charge Transfer at the Single Molecule Level with Metal and Semiconductor Electrodes
- 16:00 – 16:15 Prizes and close

With thanks to the RSC Electrochemistry Interest group and our industrial sponsors:

