



SFN

Post-Grad Symposium

at the 3rd UK Solar Fuels Symposium

19th January 2015

Edinburgh Conference Centre
Herriot-Watt University



University
of Glasgow

Programme

- 12.00-12:50** *Arrival, Registration and Poster set-up*
Please note that lunch is not provided
- 12:50-13:00** **Welcome by Symposium Co-chairs**
Prof Richard Cogdell, University of Glasgow
Prof Mercedes Maroto-Valer, Heriot-Watt University
- 13:00-14:40** **Session 1: Photoelectrochemical Processes**
Session Chair: Dr Alastair Gardiner, Glasgow University
- 13:00-13:20 *Jan Rongé, University of Cambridge; Solar fuel from air and sunlight*
- 13:20-13:40 *Katharina Brinkert, Imperial College London; The origin of cathodic photocurrents generated by Photosystem II immobilized on electrode systems*
- 13:40-14:00 *Emily Glover, University College London; The Effects of Codopants on the Electronic Structure of Rh-Doped TiO₂ and SrTiO₃ Single Crystals*
- 14:00-14:20 *Timothy Rosser, University of Cambridge; A precious-metal-free photoelectrochemical water-splitting cell driven by molecular catalysts*
- 14:20-14:40 *Ernest Pastor, Imperial College; Transient Absorption Spectroscopy: Spying on electrons and holes*
- 14:40-15:20** *Coffee and Poster Presentations*
- 15:20-16:40** **Session 2: Photocatalytic Processes**
Session Chair: Dr Oluwafunmilola Ola, Heriot-Watt University
- 15:20-15:40 *Yimeng Ma, Imperial College London; Time-resolved spectroscopic investigation of solar water oxidation on CoPi/BiVO₄*
- 15:40-16:00 *Pierre Guiglion, University College London; Polymeric photocatalysts for watersplitting; a computational perspective on the water oxidation conundrum*
- 16:00-16:20 *Elizabeth R B Bay, Heriot-Watt University; Understanding of photocatalytic reduction of carbon dioxide in context of reactor design*
- 16:20-16:40 *Wei Li, University of Liverpool; Enhancing colloidal stability of photocatalytic nanocrystals with triethanolamine for efficient H₂ evolution*
- 16:40-17:30** *Coffee and Poster Presentations*
- 17:30-17:45** **Prizes - sponsored by Chem Sci and Energy & Environmental Sci**
- 17:45** *Meeting Close*



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