



Solar Fuels: Potential, Opportunities and Challenges

Thursday 26th April 2012 11am-4pm

registration from 10.30am

Room 326 UCD Engineering & Materials Science Centre

This workshop offers perspectives on the many facets of Solar Fuel Technologies: introducing the principles behind solar to chemical energy, system modelling and the challenges and opportunities for the application of water splitting and subsequent storage of hydrogen fuel.

The workshop format will be through seminars and a final group discussion with key questions on solar fuels technology.

Solar-to-Chemical Energy: Perspectives on Solar Fuels

Dr Mary Pryce, School of Chemical Science, Dublin City University

Molecular Modelling of Hydrogen Storage

Dr Niall English, School of Chemical & Bioprocess Engineering, UCD Dublin

Conductive metal oxide electrodes for electrochemical water splitting

Prof Mike Lyons, School of Chemistry, Trinity College Dublin

Water oxidation catalysis: the essential step for the practical development of solar fuels

Prof Antoni Llobet, Institute of Chemical Research of Catalonia (ICIQ), Spain

Aminoboranes – Boom or Bust?

Dr Andrew Phillips, School of Chemistry and Chemical Biology, UCD Dublin

There is no fee for this workshop but pre-registration is required

A light lunch and refreshments will be provided

Please register with Solar Cluster Manager: **Dr Sharon Davin by close of business, 23rd April 2012**

[T: 01 716 1719; E: sharon.davin@ucd.ie]