



Registration

Registration will open in Spring 2011. Accommodation is not included in the registration fee; this should be booked directly with the University of Edinburgh at the time of registering.

Financial support is available for students and recent graduates. The bursary application form will be available when registration opens.

Venue

The meeting will be held at the John McIntyre Conference Centre at the University of Edinburgh's Pollock Halls site.

Networking

Faraday Discussions provide excellent opportunities for interaction with other delegates. Networking will take place through an interactive poster session and the conference dinner which will include the traditional Faraday Loving Cup ceremony.

Faraday Discussion Volume

The Faraday Discussion Volume documents the unique series of discussion meetings. The papers presented at the meeting are published in the Faraday Discussion Volume together with a record of the discussion contributions made at the meeting. Faraday Discussions therefore provide an important record of current international knowledge and views in the field concerned.

The latest ISI citation *data give an **impact factor** for Faraday Discussions of **3.7**, emphasising their importance as a forum for developing exciting new ideas.

*2009 Journal citation Reports® (Thomson Reuters 2010)

Sponsoring Faraday Discussion 155

Sponsorship and exhibition opportunities available at this meeting include table-top exhibitions, sponsorship of social events and advertisements in the book of abstracts. Please contact RSC Events for details.

Further Information

The programme and registration booking link will be available in Spring 2011.

All enquiries concerning any aspect of FD155 should be addressed to RSC Events.

Royal Society of Chemistry
Events

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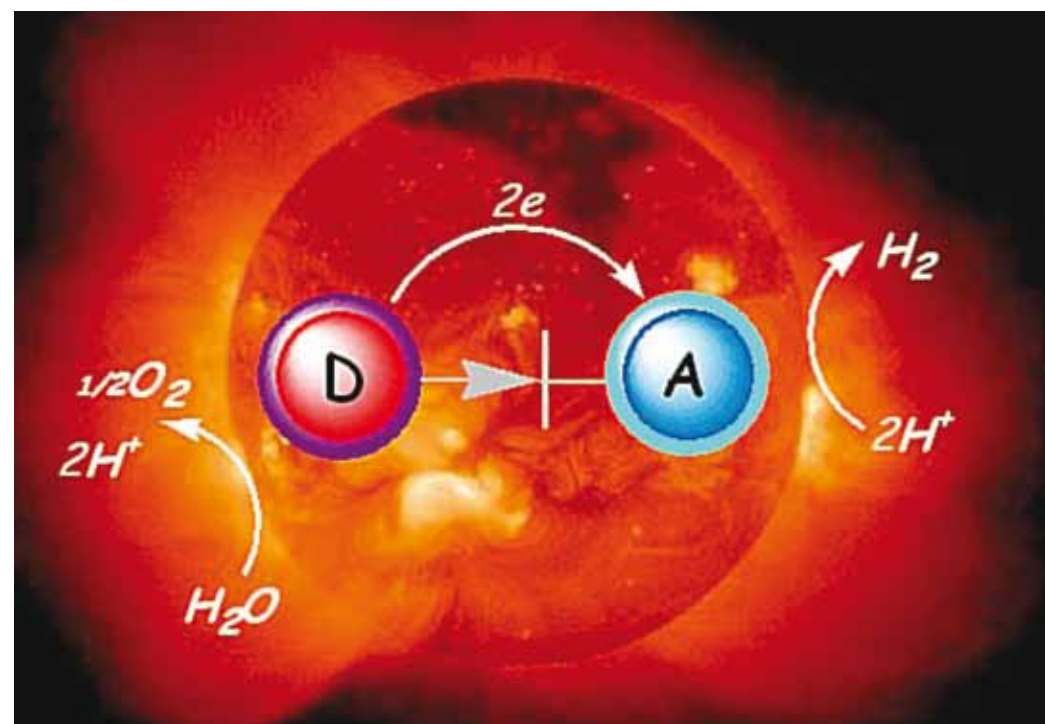
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FARADAY DIVISION

Faraday Discussion Artificial Photosynthesis

5 – 7 September 2011

University of Edinburgh, UK



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Chemical Sciences

www.rsc.org/FD155

There is a growing conviction that the only real prospect for our long-term energy provision relies on the ability to collect and store sunlight in the form of chemical potential. The idea to create artificial systems that exploit the basic chemistry of photosynthesis in order to produce hydrogen or other fuels is far from new, and the need to explore alternative energy solutions is becoming evermore urgent as the supply of available energy from fossil fuels decreases and concerns increase about their environmental impact.

The most important problems to solve are (i) design of effective photon collectors, (ii) identification of selective catalysts, (iii) coupling the catalyst to the photochemical centre and (iv) building an integrated array. This Faraday Discussion meeting on Artificial Photosynthesis will focus on these problems as well as some of the key areas in the design of bio-inspired materials and novel photo-electrochemical devices. The meeting offers a unique opportunity for international researchers to discuss the latest developments and the fundamental issues surrounding the scientific challenges ahead. The Scientific Committee warmly invites you to take part in the Discussion and looks forward to welcoming you in Edinburgh.

Aims

Faraday Discussion 155, organised by the Faraday Division, aims to bring together researchers from diverse backgrounds to discuss identifying novel solutions for converting sunlight into chemical and/or electrochemical potential.

Themes

- Electronic energy transfer
- Bio-inspired mimics and integrated photo-systems
- Solar fuels
- Water oxidation
- Photo-electrochemical approaches

Scientific Committee

Professor Anthony Harriman,
Newcastle University, UK (Chair)

Dr Andrew Benniston,
Newcastle University, UK

Dr Anita Jones,
University of Edinburgh, UK

Professor James Durrant,
Imperial College London, UK

Professor Richard Cogdell FRS,
University of Glasgow, UK



Invited Speakers

Professor Devens Gust (Introductory)
Arizona State University, USA

Professor Stenbjörn Styring (Closing)
Uppsala University, Sweden

Professor Graham Fleming
University of California Berkeley, USA

Professor Sir Richard Friend FRS
University of Cambridge, UK

Professor Michael Graetzel,
Ecole Polytechnique Fédérale de Lausanne, Switzerland.

Professor Dirk Guldi
Erlangen University, The Netherlands

Professor Osamu Ishitani
Tokyo Institute of Technology, Japan

Professor Tom Mallouk
Pennsylvania State University, USA

Professor Stefan Matile
University of Geneva, Switzerland

Dr Garry Rumbles
National Renewable Energy Laboratory, USA

Professor Licheng Sun
KTH Royal Institute of Technology, Sweden

Key Deadlines

Abstracts for oral presentation
18 November 2010

Abstracts for poster presentation
1 July 2011

Early bird registration
1 July 2011

Standard registration
5 August 2011

How It Works

The Scientific Committee will select contributed papers to complement the invited presentations on the basis of the abstracts received. The authors will then be asked to submit their work as a full paper, which will form the basis of their short presentation at the meeting. The paper itself must contain new, unpublished work and be submitted by **14 April 2011**.

The papers selected for presentation and discussion will be refereed and then sent to all participants as preprints.

Preprints will be issued four weeks in advance of the meeting. The Discussion will be conducted on the assumption that the papers have been read in advance and only **five minutes** will be allowed for each presentation. Most of the time will be devoted to discussion, a record of which will be submitted for publication in the Faraday Discussion Volume which will be published by the RSC approximately six months after the meeting.

Call For Papers

Offers of papers within any of the themes of the meeting are now invited. Deadlines are listed on this page.

Abstracts for both oral and poster presentations should be sent by email attachment to RSC Events (events@rsc.org) with the following subject header: 'FD155 abstract'. The abstracts should be no longer than one A4 page in portrait layout.

Please include your full address and contact details in the email and indicate whether you are submitting an abstract for oral or poster presentation.