

Registration

Registration will open in winter 2009, and will be administered via a dedicated booking agent. Accommodation is not included in the registration fee; this should be booked directly when registering. Please see the website for further details.

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 l'Abbaye de St Jacut on the Brittany coast near Rennes, France.



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 4.604, emphasising their importance as a forum for developing exciting new ideas.

Sponsoring Faraday Discussion 147

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 Conferences for details.

Further Information

The programme and registration booking link will be available towards the end of 2009. All enquiries concerning any aspect of FD147 should be addressed to RSC Conferences.

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Inside image credit: Lunar and Planetary Laboratory

Royal Society of Chemistry
Conferences

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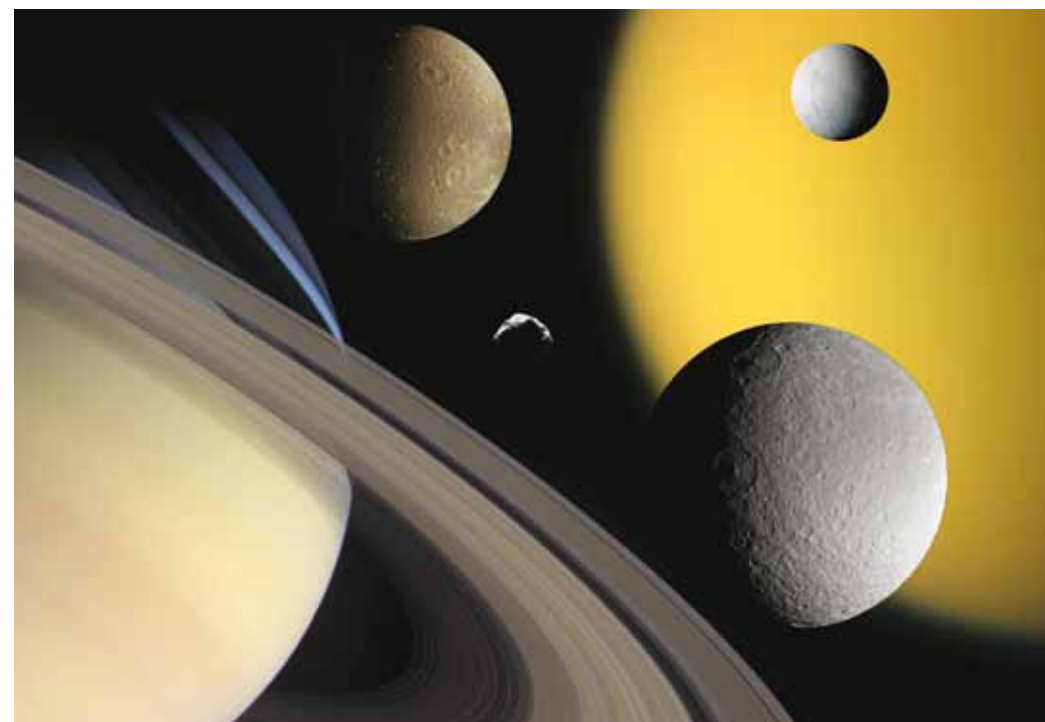
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FARADAY DIVISION

Faraday Discussion 147: Chemistry of the Planets

14 – 16 June 2010

Saint Jacut de la Mer, Brittany, France



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We have now entered a second 'golden age' of planetary exploration, with a host of exciting missions either underway, or due to report back in the next few years.

The wealth of chemical information sent back from these missions has stimulated major efforts in laboratory experiments and computational modelling, and created a fascinating area for multidisciplinary exchange around the theme of the chemistry of the planets, encompassing aspects of chemistry (physical, organic and inorganic), physics, astronomy, geology, geochemistry, and exobiology.

Furthermore, the recent discovery of water and methane in the atmosphere of an extrasolar planet (exoplanet) opens up a whole new and exciting field of planetary chemistry outside of the Solar System.

Themes

- Planetary exploration: present and future
- Ground-based and remote experimental techniques for planetary chemistry
- Chemistry of exoplanets
- Chemistry of extraterrestrial atmospheres
- Surface chemistry, surface - atmosphere interactions and volcanism
- Planetary atmospheric aerosols

Aims

This event aims to build on the history of successful Faraday Discussions in the area of Astrochemistry (1992, 1998 and 2006), this time focusing on the theme of chemistry of extraterrestrial planets.

The subject shares some aspects in common with the previous interstellar chemistry meetings, but unique to this meeting are very many specific features such as the existence of really dense atmospheres, for example that of Titan (1.4 bar pressure at ground level), and geochemical aspects.

Most significantly, the discussion will benefit from the knowledge we have gleaned from probes that have actually landed on the planets, or descended into their atmospheres (unlike interstellar clouds where the only chemical information comes via astronomical spectroscopy borne on photons arriving from these distant regions), and the use of powerful analytical techniques which have been applied to determine their chemical compositions.

Scientific Committee



Ian Sims

University of Rennes 1, France (Chair)

Bruno Bézard

Observatoire de Paris Meudon, Chairman of the French National Planetology Programme, France

André Canosa

University of Rennes 1, France

Helen Fraser

University of Strathclyde, UK

John Plane

University of Leeds, UK

Jonathan Tennyson

University College London, UK

Local organising committee at the University of Rennes 1, France

Abdessamad Benidar

André Canosa

Robert Georges

Sébastien Le Picard

Ian Sims

Invited Speakers

Sushil Atreya (Introductory)

University of Michigan, USA

Darrell Strobel (Closing)

Johns Hopkins University, USA

Nigel Adams

University of Georgia, USA

Sébastien Le Picard

University of Rennes 1, France

Jonathan Lunine

University of Arizona, USA

Steve Miller

University College London, UK

Julianne Moses

Lunar and Planetary Institute, Houston, USA

François Raulin

LISA - Universities of Paris 12 and 7, France

Giovanna Tinetti

University College London, UK

Roger Yelle

University of Arizona, USA

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 Conferences (conferences@rsc.org) with the following subject header: 'FD147 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.

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 22 February 2010.

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.



Key deadlines

Abstracts for oral presentation
2 October 2009

Abstracts for poster presentation
16 April 2010

Early bird registration
16 April 2010

Standard registration
14 May 2010