

## Faraday Division

### Strategy for the period 2006-2010

The developing RSC strategy for the period 2006-2010 has its vision that the RSC will be the most effective international organisation for the advancement of the chemical sciences. The main themes for this period are:

1. Increase our influence in key decision making bodies
2. Broaden our science base
3. Foster the study and teaching of chemical sciences
4. Enhance the benefits of membership
5. Promote professional qualifications and ethical conduct
6. Enhance our publishing activities
7. Improve our channels of communication
8. Pursue activities in partnership with other organisations
9. Improve our governance, structure and financial planning
10. Invest in our staff and support our volunteers.

Faraday Division Strategy during this period, with financial support from the RSC, aims to promote physical chemistry as the key area where quantitative aspects of the chemical, physical and biological sciences overlap and interact and to this end will be supporting overall RSC strategy as follows:

#### **Broaden our science base**

- Participate fully in the development of RSC science policy
- Support schemes to engage industry more in the activities of the RSC physical chemistry community
- Facilitate strategic RSC conferences in physical chemistry
- Participate in the work of the RSC Environment, Sustainability and Energy Forum with respect to activities in atmospheric chemistry and energy
- Participate in the work of the RSC Chemical Biology Forum with respect to activities in biophysical chemistry
- Participate in the work of the RSC Materials Chemistry Forum with respect to promoting quantitative aspects of materials and solid state chemistry

### **Foster the study and teaching of chemical sciences**

- Establish a regular meeting for newly appointed academics in physical chemistry
- Support schemes to help chemists tackle the “maths problem”
- Promote links between Universities and schools by targeted events such as “spectroscopy days”
- Promote physical chemistry amongst undergraduates by events such as “research highlights” symposia

### **Improve our channels of communication**

- With RSC Interest Groups by monitoring group activities and facilitating the evolution of the available groups
- To the international community including forming closer links with European groups and societies in all areas of FD activities
- With Universities by establishing a Faraday Division contact in each University Chemistry Department

### **Pursue activities in partnership with other organisations**

- Enhance links and interfaces with external bodies, e.g. IoP, IChemE, Royal Meteorological Society
- Bring key stakeholders together to consider strategic directions for physical chemistry including the chemistry/chemical engineering interface
- Review the balance of effort and resources within the Faraday Division towards different RSC Interest Groups and the possibility of new Groups
- Enhance interactions with European chemical and physical societies

### **Improving governance, structure and financial planning**

- Review, refine and demarcate the roles of members of Faraday Council

These activities are presented in an alternative format, based on Faraday Division activities and the primary method of categorisation, in **Table 1**.

### Key stakeholders

This will be carried out by working with Faraday Division members, RSC Interest Groups, other parts of the RSC and external bodies as appropriate.

### Key Performance Indicators for 2007 and 2008

- Follow-up meeting for newly appointed academics in physical chemistry
- Raising the profile of the RSC physical chemistry community in the RSC
- Establish approach to sharing methods for maths teaching across Universities
- Quality of Faraday Discussions

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President, Faraday Division  
May 2008

**Table 1. Faraday Division Draft Outline Strategy, 2006 - 2010**

Activity	RSC strategy element	Required interactions	Resource implications
<p><b>Faraday Discussions and PCCP</b></p> <ol style="list-style-type: none"> <li>1. Continue to promote Faraday Discussions as a major vehicle for world-leading discussion–style meetings and for publication of high quality research papers.</li> <li>2. Continue the interaction between FDC and PCCP. Promote greater submission rate from UK Physical Chemists</li> <li>3. Continue to promote close links between FDC and RSC Publications</li> </ol>	<p>Theme 6 – Enhance our publishing activities</p>	<p>RSC Publications Interest Groups</p>	<p>Faraday Discussions remain a significant source of Publications income</p>
<p><b>Interest groups</b></p> <p>Develop closer links with Interest Groups within the Faraday remit:</p> <ol style="list-style-type: none"> <li>1. Promote structured reviews of Groups (as required by RSC Governance Review) which involve appropriate members of FD Council and related clusters of Groups</li> <li>2. Examine, with Groups, interactions with other Divisions and Forums and with other Learned Societies; where appropriate, develop more coherent interactions. Is there an opportunity for joint Faraday Discussions in these interactions?</li> <li>3. Where necessary, facilitate meetings aimed at PhD students through the Interest Groups</li> </ol>	<p>Theme 7 - Improve our channels of communication Theme 9 - Improve our governance Theme 2 - Broaden the science base</p>	<p>1,2 Interest Groups 2. Other Divisions and Fora Learned Societies: Institute of Physics, Royals Astronomical Society, Biochemical Society, IChemE .....</p>	
<p><b>Teaching and promotion of Physical Chemistry</b></p> <p><i>Promote the teaching of Physical Chemistry at Universities:</i></p>	<p>Theme 3 - Foster the</p>	<p>Education Division Education Department</p>	<p>Maths teaching materials</p>



<p>4. Establish links with European Chemistry Departments</p>		<p>Enhance the links to European societies and chemistry departments on FD web page</p>	
<p><b>Review <i>modus operandi</i> of Faraday Division Council</b></p> <ol style="list-style-type: none"> <li>1. Review, refine and demarcate existing jobs of Faraday Council</li> <li>2. Re-examine the number and timing of Council meetings</li> <li>3. Re-examine links with Faraday Division members to promote identity and engagement</li> </ol>	<p>Theme 9 - Improve our Governance</p> <p>Theme 7 - Improve our channels of communication</p>	<p>Interest Groups</p>	