

RSC Industrial Physical Chemistry Committee Meeting Minutes

Meeting held on 5th August 2016
RSC London

Attendees:

Fiona Hewitt (FH)
John Ramsey (JR)
Oscar Kelly (OK)
Alastair McIntosh (AMc)
Matthew Baker (MJB)
Simon Port (SNP)
Stephanie Compte

Apologies:

Tim Mason (TM)
Peter Farr (PF)
Ashleigh Lyons (AL)
Kimberley Miller (KM)
Sarah Horswell (SH)
Norman Parkyns (NP)
Antony Christou (AC)

The following minutes will follow the outline of the agenda used at the meeting

- 1) Welcome
SP welcomed all

Stephanie Compte from Networks joined the meeting.

Action FH to circulate updated contact details

- 2) Actions from Last Meeting

Action All To investigate further members from industry to join the committee. **FH** to investigate potential interest from contacts at GSK. Discussed difficulty in recruiting industrial members. Potential to arrange joint events with SCI Fine Chemicals Group as their members are mainly industrial. **SP Action** - to draft an invitation to industrial members to join the committee
2 general members, 1 web, industrial membership officer, 1 interaction and outreach.

OK action end Sept– create a general description flyer to advertise ourselves to potential members. Rest of committee must finish proofreading by end Sept. When flyer finalised **FH action** create a flyer through brand centre to go

with the letter (Editable free text). Get the flyer also as a PDF to circulate electronically. **OK** suggested mail flyer to top 50 chemical companies in UK.

Action

Ongoing Potential fracking meeting. NP contacted Prof Davies re fracking, meeting would have to be pros and cons. With oil prices low suggest we delay and place on hold.

ACTION SNP to continue to explore links with Soton Univ and outreach opportunities. **Ongoing**

Action JR & MJB to contact Stephanie Compte at RSC to discuss potential outreach reps for IPCG. Stephanie Compte said at meeting that liaison with STEM ambassadors, Educational Coordinators and Magda from Networks may be possible.

Action for **SNP** to ask PF for photos from the S Campbell meeting and arrange for up load to web site. Link IMF article to website. Stay open awaiting SNP contact with PF. SNP to try to contact Frank re photos from family. **Ongoing**

3) Website Refresh – FH running this

To upload:

Congratulations to EC prize winner (after October)

Arrested gels report by JR

Minutes from this meeting

Link to MyRSC page

Action FH to write a couple of sentences to introduce the past events and history (refer to as downloadable documents).

MyRSC web forum has been set up for RSC-IPCG. Use MyRSC like the website and publish minutes at least annually.

Action FH to add MB and SNP as MyRSC administration.

4) Finance - As of March 2016: NP to update but not much change here particularly the new funding rules based upon group activity

NP updated the meeting on the groups finance figures. Balance £12k approx. Spending heavily at the present rate to encourage activities. Spend this year to date £773, excluding the EC element. RSC is providing £919 last year this is expected to be lower for the coming year. Expect year end to be approx. £12k. The Group needs to consider all supporting elements to ensure that money is spent on appropriately targeted specific events.

Business reserve £800

Current account £500

£2k was assigned to EC for Sheelagh Campbell over the next 10 years to award an annual prize.

Upcoming Sponsorship 2016

RSC-IPCG - £50 prize for twitter poster conference

Imperial Postgrad Symposium - £50 suggested (AMc to investigate)

CLIRSPEC Summer School - £500 was provided but not used. It was agreed on 05 August 16 that the money will rollover for next year.

Also please see sections below for further discussions – sponsoring school outreach programmes with Catalyst museum (**OK**) and potential 1day seminars in the NW (Clays in regenerative medicine and Pickering stabilised emulsion polymerisation). It was agreed that the group would sponsor the Widnes even £500 but **OK** to apply for Chemistry Week funding and run the visit on Chemistry week (19 – 27 November) for more publicity. Deadline for funding application is 19th August – maximum award = £750.

5) History of RSC-IPCG

Update (history kept below in italics) – Publication was discussed. Article appears as a PDF on IPCG website. More photos may be good. **SNP to add in future history** – this will be discussed hopefully at the next meeting part of the celebration 175 years.

JR has written an excellent historical account of the IPCG. The IPCG committee recommend that JR publishes it via the RSC – Chemistry News or Chemistry World.

ACTION JR Updated - JR has included all the conferences and now covers the first 20 year of the IPCG. SNP to send a copy of this to PF for comments. JR to follow up publication and confirm route forward. Need some photographs either of IPCG individuals or events to include in the article.

The committee proposed a vote of thanks to JR for preparing this excellent article.

RSC are publicising the article through Twitter and Facebook and are looking at how to get it more widely circulated. Webpage including video appears on RSC website (include link).

Action SNP add to final section to include the future of IPCG group within the article (Mid 1990s onwards) and **JR** to add section on the 1980s.

6) Update on ElectroChem

Action AMc, SNP and SH to consider a session at ElectroChem 2016, Leicester. IPCG session. Explore Industrial plenary session. Agreed £500 for

speaker or studentship if required. Target area Industrial Electrochemistry. **2016 will not happen. Action AMc, SH and SNP** to instead consider B'ham 2017 for EC 2017.

Update from SH via email - The Sheelagh Campbell memorial prize is awarded this year to Michelle Browne from Trinity College Dublin. The paper is called

"Low-Overpotential High-Activity Mixed Manganese and Ruthenium Oxide Electrocatalysts for Oxygen Evolution Reaction in Alkaline Media" and the doi is 10.1021/acscatal.5b02069. **FH** to add to website congratulations (October). Check if Sarah/Alastair is going to the awards and send photo. **FH action** – certificate for winner **ASAP**. Send certificate to whoever is attending (Alastair or Sarah).

7) Meetings

ACTION SNP – Explosives talk. Better to use a hotel/free lecture room at Imperial College than onsite at DSTL – **SNP to follow up**. SNP – Colleague organising SADA Oxford September 2017. International meeting with explosion detection technologies. Potential to support financially.

MB - Flagship Faraday Conference. Idea that someone attends and gets ideas for next year. MB has been communicating with Ann Dixon. Possibility to manage a session in 2019 (nothing sooner) but need to find out what members want to gauge the focus of the meeting. **Ongoing**

Action JR & OK – to speak to colloids group (joint RSC/SCI) and pickering emulsion and (regenerative medicine – possibly) 1 day meeting. **OK** proposes a workshop in **Sept 2017** as a problem solving workshop. Working title 'Technical Challenges to the commercialisation of pickering technologies' Potentially co-organised with Colloids and Emulsions group. Potential funding support of £500 - £1000. Suggestion that we focus on workshops etc to target industrial members. **OK** will also approach Fine Chemicals Group. **Deadline for additional funding for 2017 events is 21st October**. Proposal that the funding is used to get speakers in.

Action MJB, OK & AMc – investigate topic and titles / lecturers for materials based regenerative medicine 1 day meeting. **Investigate Glasgow to hold this in spring 2017. MB to chat with speakers. Need to start looking at dates. MB to sort out dates. Ongoing.**

Future meetings (please see sponsorship section above) – Clinical and Raman spectroscopy summer school in the Lakes - £500 sponsor from IPCG – July 2016 (12th – 15th)

Potential addition meetings:-

1. Crystal melts meeting, physical modelling meetings – TM has link at Brunel Univ.

Action on All to review potential RSC conferences to see links

Industrial Physical Chemistry for sixth form students upwards.

General presentation of the website of what industrial Physical chemistry – one or four slides aimed at 6th Form level from each member.

“What’s Physical Chemistry ever done for you?” Applied slides, four topics and the Physical Chemistry behind the topic – i.e Ice Cream, Food, Energy etc.

8) Schools Liaison – SNP

Action OK to see if local contact for support schools attending. IPCG could support a small amount of money for linking with schools. **This has been discussed above - £500 sponsorship for Widnes event (OK)**

Action SH to explore B’ham school link. Ongoing

9) RSC-IPCG Contact List

Action FH to circulate committee list and update new members and contact details for all

10) AOB

FH to circulate breakdown of membership (Stephanie Compte said this is fine as no sensitive data).

Action FH - OK suggests innovation forum as means of communication with membership.

Action All – for discussion at the next meeting about officer term of service

11) Date of next meeting

To be confirmed – early December most likely.

Action FH – to book rooms etc. at Burlington House