



International Union of Pure and Applied Chemistry

CPEP - Committee on Printed and Electronic Publications

DRAFT - July 24, 2012

CPEP Minutes for meeting in San Antonio, July 14 -15, 2012

Present:

David Martinsen (Chair)
Robert Lancashire (Secretary)
Steven Bachrach
Miloslav Nić

Colin Batchelor (Virtual)
Kazuhiro Hayashi, (Virtual)
Bonnie Lawlor (Virtual)
Bono Lučić, (Virtual)

ex Officio:

René Deplanque (Secretary-General)
Fabienne Meyers (Secretariat)
Terry Renner (Secretariat)
James Bull (PAC Scientific Editor) (Virtual)

Observer:

Lene Hviid, Tata Steel, The Netherlands

Guests:

Wolfgang Boettner
Stephanie Dawson (both from De Gruyter)

Location: Centre for Science and Innovation, Trinity University, San Antonio, Texas

NOTE: See the Appendix for contents of an email circulated after the meeting.

1. Welcome and Introduction of Members

The meeting was opened by Dave Martinsen with thanks to Steve Bachrach for hosting the meeting at Trinity University. The Chair welcomed those present both in person and via the internet, at which point those in attendance introduced themselves.

2. Finalization of the Agenda

The draft agenda was accepted without change. However given the time constraints a number of items (**in red below**) were not discussed at the meeting and are to be covered by round-robin email agreements.

1. Welcome and Introduction of Members, Observers, Guests
2. Finalization of the Agenda



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3. Approval of Minutes from the 2011 Meeting
4. Review of Membership Roster
5. CPEP Roles and Responsibilities, Dave Martinsen
6. Report from the Secretariat, Terry Renner
7. *Pure and Applied Chemistry Report*, James Bull and Terry Renner
8. *Chemistry International*, Terry Renner and Fabienne Meyers
9. Web Platform for PAC and CI, René Deplanque
10. Books, Terry Renner
11. Subcommittee Reports
 - a. Subcommittee on Electronic Data Standards, Robert Lancashire
 - b. Web Steering Subcommittee, Dave Martinsen
12. IUPAC Website Update, René Deplanque, Terry Renner
13. Other reports
 - a. InChI, report and remotely from Steve Heller
 - b. CODATA, Robert Lancashire
 - c. ICSTI, file from Wendy Warr
 - d. ICSU, file from Wendy Warr
14. Project status reports
 - a. JCAMP-DX CD, Bonnie Wallace
15. Industry Updates
 - a. ORCID, Dave Martinsen
 - b. CrossMark, Dave Martinsen
 - c. NISO/NFAIS Supplemental Materials Working Groups, Dave Martinsen
 - d. US Government data management policies, Dave Martinsen
16. Other business

3. Minutes of the Previous Meeting

The minutes from the 2011 meeting had been circulated, and were unanimously approved.



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4. Membership Roster.

Name	Proposed Status	Term	NAO
Dr. David Martinsen	TM - Chair	2010-2013	United States
Prof. Robert Lancashire	TM - Secretary	2010-2013	Jamaica
Prof. Steven M. Bachrach	TM	2010-2013	United States
Dr. Colin Batchelor	TM	2010-2013	United Kingdom
Mr. Kazuhiro Hayashi	TM	2012-2015	Japan
Ms. Bonnie Lawlor	TM	2010-2013	United States
Dr. Bono Lučić	TM	2012-2015	Croatia
Dr. Miloslav Nic	TM	2012-2015	Czech Republic
Dr. Lene Hviid	<i>Observer/ Proposed TM</i>	<i>2012-2015</i>	The Netherlands
Prof. James R. Bull	<i>Ex Officio</i>		
Dr. Terry Renner	<i>Ex Officio</i>		
Dr. Fabienne Meyers	<i>Ex Officio</i>		
Prof. René Deplanque	Secretary General		Germany

Dr. Lene Hviid was present as an Observer with the possibility of being appointed as a Titular Member for a 2012-2015 term.

Changes to both the Chair and Secretary are needed to be in place prior to the 2013 meeting.

5. CPEP Roles and Responsibilities

Much of the meeting revolved around the proposed publishing arrangement with De Gruyter. CPEP noted that the recent public announcement from De Gruyter that they had entered into an agreement to publish PAC and CI seemed to marginalize CPEP's advisory role on matters related to IUPAC's publications. CPEP's expertise and comments should have been solicited before approval of a new publishing arrangement.

The details of the financial side of the contract is not part of CPEP's responsibility. However, the eventual cost of the publications to subscribers and CPEP members is under CPEP's terms of reference.

The Secretary General assured the Committee that CPEP's input is invaluable (see below), and that in this meeting and afterwards, CPEP's comments on an external publishing partnership will be gratefully received.

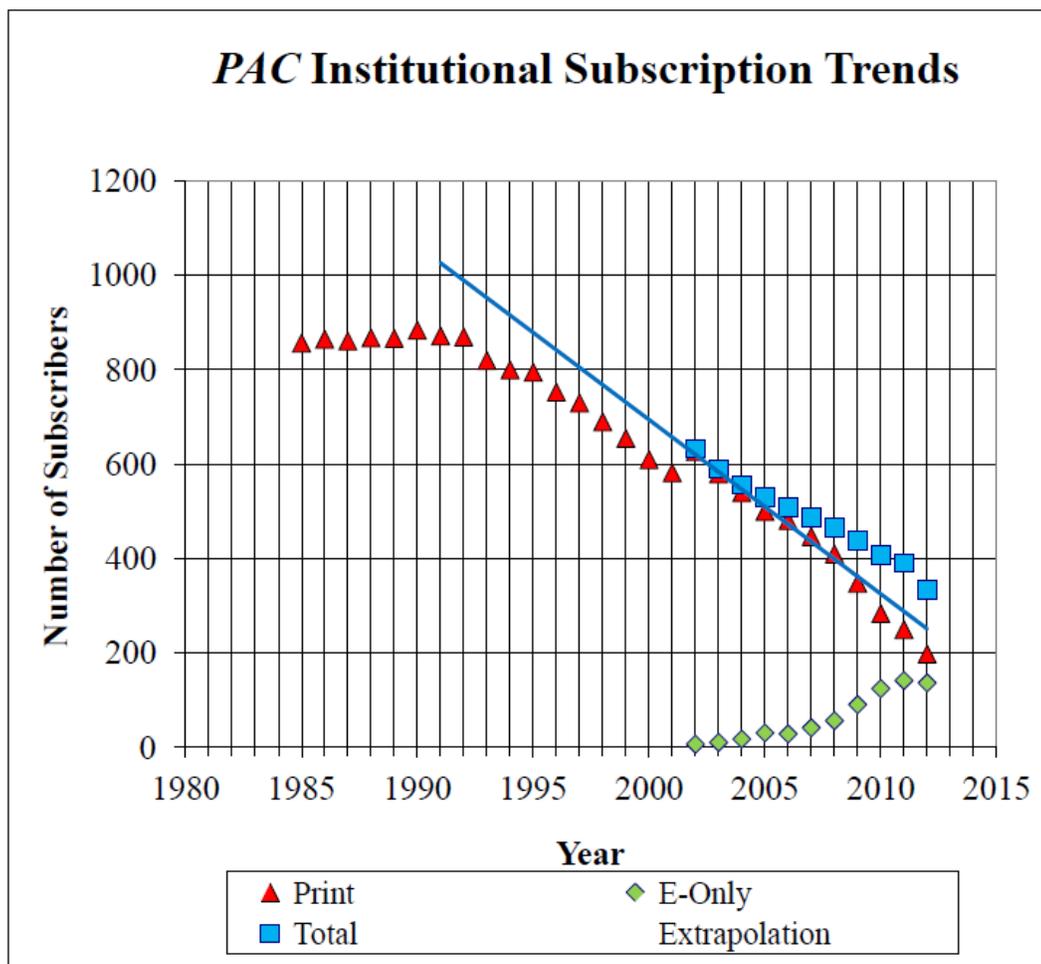


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6. Report from the Secretariat

A Report from the Secretariat by Terry Renner was circulated showing the changes to both the print and electronic subscription changes over recent years along with the costs of editing and publishing PAC and CI.



An increase in electronic subscriptions had earlier been predicted based on the trend (green diamonds above). This was not observed for 2011 and 2012. Terry noted that when he asked subscribers why they were dropping their subscriptions 99% explained it was solely based on economics.

A number of options were considered:

- increase the price of all subscriptions
- produce e-versions only
- cease all publication
- partner with a scientific publisher
- PAC publish only Technical Reports and Recommendations.

CPEP was not prepared to suggest ceasing publication of PAC and option d) was considered the preferred



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way forward.

Two queries were made for follow-up

Did Pay-Per-View numbers make any meaningful contribution to funds?

Could unsolicited manuscripts be accepted?

In response to the latter it was suggested that the Editors might solicit papers from authors who had not attended at a sponsored IUPAC conference but who were working in the same area and could make a valuable contribution to the theme.

7. Pure and Applied Chemistry

Report from the Scientific Editor

A set of comprehensive reports from the Scientific Editor had been circulated and it was noted that the Impact factor for PAC had risen from 2.128 in 2009 to 2.789 in 2011.

It was again noted that a succession plan needed to be put in place for the Scientific Editor position since James had indicated that he will step down at the end of 2013.

David Martinsen and all the committee members thanked James for his reports and acknowledged his continued excellent work with regard to *PAC*.

Partnering with a Scientific Publishing House

Due to the continued decline in both print and online journal subscriptions, the Secretary General noted that he had had numerous discussions at CEO level with a range of scientific publishers in an attempt to find a suitable publisher for PAC and CI. Apart from De Gruyter there was no interest. He assured CPEP that despite the press release issued by De Gruyter, issued without IUPAC review, and despite 2013 pricing for IUPAC publications on De Gruyter's website, as yet no contract had been signed, only a letter of intent for partnership. De Gruyter appeared to be the best (or only) feasible option available.

Income from PAC was needed if CI was to continue to be made available free of cost.

Staff from De Gruyter then made a presentation and this and further information on De Gruyter was circulated via USB jump drive. A copy is attached. De Gruyter recommended changes to the style of the journal, which they could help with. They proposed equal pricing for print only or online only subscriptions, with a slightly higher price for print + online. One of their assumptions was that free access to Reports and Recommendations be discontinued, and that free access to articles after one year also be discontinued. Finally, they suggested that De Gruyter staff could solicit manuscripts to increase the number of articles in the journal.

Assuming De Gruyter was chosen they felt that there would be a minimum of two months needed to move existing PAC journals to their server.

The use of Manuscript Central could be continued so that there would be no change to the submission



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and peer review process. Changes would occur at the production stage to accommodate this being handled by De Gruyter.

8. Chemistry International

Fabienne Meyers reported on the current status of Chemistry International. David Martinsen and all the committee members thanked Fabienne for her report and acknowledged her excellent work with regard to CI.

De Gruyter staff presented their evaluation of CI, stating that they felt it could continue very much as is. They felt that there should be a charge for print and for online, with the cost being the same for each medium. This means that the online version would no longer be free to anyone. Subscriptions to individuals and institutions could be a source of income. De Gruyter estimated that sale of advertising space could yield US \$ 30-40,000. The production of CI would continue largely as is, and these new income streams would help to offset the costs of CI.

CPEP discussed the possibility that the online version be free to those with an official IUPAC relationship (TMs, AMs, Division and Committee Members, etc). Print copies are still viewed as a way to attract interest in IUPAC with students, and so these should still be distributed at IUPAC sponsored meetings and through the NAOs.

Motions Regarding *PAC* and *CI*:

After a lengthy discussion that extended into the second day, the following motions were proposed:

Motion 1: Because of declining subscriptions and the lack of sales and marketing function within IUPAC, CPEP recommends that IUPAC establish a relationship with a publishing partner to publish *Pure and Applied Chemistry*. De Gruyter is the only viable candidate because of their expertise in journal publishing, their vision for marketing the journal, especially to library consortia, their plans for promoting the journal and articles to individual researchers, and their plans for print and web delivery of the journal. IUPAC should ensure that appropriate statements are put into the contract to ensure IUPAC has continued control over branding, pricing, and all business policies related to the journal.

PASSED

Motion 2: CPEP will establish a journal subcommittee to oversee the migration of *PAC* to the new publisher, starting with the 2013 journal year. The subcommittee will be chaired by a representative from CPEP, and will include the Editor-in-Chief, a member from the Secretariat, one of the Officers of IUPAC, and a member from the EAB.

PASSED

Motion 3: CPEP recommends that *PAC* continue to provide open access to reports and recommendations and that articles be open access one year after publication. CPEP recommends the following pricing for 2013:

Institutional:



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\$2100 for print only

\$1400 (7.7% increase) for electronic only

\$2300 for print + electronic.

Personal subscriptions will remain at \$99, electronic only

Back issues will be set at \$200 (11.1% increase), print only

Open Access fee for conference articles?

NOT PASSED – NOT ENOUGH INFORMATION FROM DE GRUYTER

From the PAC website: The objectives of the Journal are:

to publish papers based upon authoritative lectures presented at IUPAC sponsored conferences, symposia and workshops.

to publish papers or collections of papers by invitation, as special topic features.

to publish IUPAC Recommendations on nomenclature, symbols and units.

to publish IUPAC Technical Reports on standardization, recommended procedures, collaborative studies, data compilations, etc.

Motion 4: CPEP recommends that *PAC* expand coverage of topics at IUPAC conferences by inviting contributions of similar research even if it was not presented at the conference.

NOT PASSED – AWAITING COMMENT FROM JAMES BULL

Motion 5: CPEP recommends that IUPAC establish a publishing relationship with a publishing partner for *Chemistry International*. De Gruyter is the only viable candidate because of their expertise in journal/magazine publishing, their vision for marketing the magazine, especially to library consortia, their plans for promoting the magazine and articles to individuals, and their plans for print and web delivery of the journal. IUPAC should ensure that appropriate statements are put into the contract to ensure IUPAC has continued control over branding, pricing, and all business policies related to the magazine.

PASSED

Motion 6: CPEP recommends that the option for subscription pricing be negotiated for *Chemistry International* for 2013, with review by CPEP prior to finalizing. **PASSED**

Draft Proposal:

Institutions:

\$150 for print + electronic

\$100 for subscribers to *PAC* (currently included)

Personal:

Members: Free access to electronic version, including a tablet version

\$50 for print for Members

\$99 for print or electronic for non-members

Back issues (print): \$40 (14.3% increase)

Motion 7: CPEP recommends that the initial contract term be for five years, with a performance evaluation period at three years, at which time IUPAC could terminate the agreement.

PASSED



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Background: While phase I of the IUPAC website migration to the TYPO3-based platform has been largely completed, the uncertain situation at FIZ CHEMIE Berlin and the need to improve navigation as planned in phase II require immediate action.

9. Web Platform for PAC and CI, René Deplanque

Phase I of the IUPAC website migration to the TYPO3-based platform at FIZ CHEMIE Berlin has been largely completed. Missing files are being added as reported by end users. The search function is not working, but Bryan Pearson is working on fixing the problem. However, the situation at FIZ CHEMIE Berlin is uncertain. There are no development resources available for the IUPAC servers, and the servers themselves could be withdrawn at any time. The Secretary General indicated that the servers could be moved to the University of Frankfurt (Oder) as an alternate to FIZ CHEMIE Berlin. However, IUPAC must find a long term solution.

Based on a communication from Division IV, the navigation and usability of the new website is difficult, and the ability to load new content is lacking. CPEP had recommended a Phase II to the website migration, analyzing and improving navigation. Once the web platform is stabilized, Phase II of the migration should proceed.

Motion 8: CPEP recommends that IUPAC investigate new hosting platforms for the IUPAC website. Possibilities include self-hosting, working with a TYPO3 hosting vendor, migrating to a new web host. Phase II must be completed.

10. Books, Terry Renner

There is no workable procedure for updating the online versions of the Color Books. De Gruyter indicated that they have an environment which could be used for the Divisions to enter and review new content and release new/modified definitions and terms as changes were approved. A suggestion was made that the General Assembly in Istanbul might be an appropriate venue to demonstrate such a capability to the Divisions.

Motion 9: CPEP recommends the IUPAC evaluate publishing partnerships for hosting online versions of the Color Books. The platforms should include mechanisms for frequent updating of the content to more rapidly incorporate changes in terminology and nomenclature. However, CPEP recognizes that migration of PAC and CI to a publishing partner needs to take priority over the Color Books

11. Subcommittee Reports

- a. Subcommittee on Electronic Data Standards, Robert Lancashire
- b. Web Steering Subcommittee, Dave Martinsen



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12. IUPAC Website Update

René noted that Domain Registration for the IUPAC site was now officially held by the IUPAC Secretariat.

There was an issue with continuing at FIZ CHEMIE and a long term solution was required. One of the FIZ programmers who had been involved in maintaining the IUPAC service was now at the Univ of Frankfurt-Oder and had offered to provide space there. Alternatively server space could be sourced from commercial vendors (in the cloud?) or a server could be established at RTP. This would need to be finalised before the end of 2013.

13. Other reports

Steve Heller joined the meeting (Sunday 9AM) via remote connection and highlighted the following from his report that had been previously circulated.

Area of chemistry or activity	IUPAC and other organizations	Status of the project
Recent and formulated projects		
Extended stereochemistry – chirality axis, plane, and helicity, high coordination stereo	Division VIII	Expected
InChI Requirements for Representation of Organometallic and Coordination structures	Division VIII	Expected
InChI Requirements for Representation and Encoding of Electronic States	Division VIII	Expected
InChI Requirements for Representation of Materials	Division VIII	Expected
Extended treatment of tautomerism by InChI tools	Division VIII	Submitted
InChI Requirements for Representation of Organometallic and Coordination structures	Division VIII	In progress
Standard InChI-based Representation of Chemical Reactions	Division VIII	Being tested by Jonathan Goodman at Cambridge
InChI Requirements for Representation of Polymers	Division VIII	Completed Awaits implementation
InChI Requirements for Representation of Markush Structures	Division VIII	Completed Awaits implementation
Possible further projects and activities to extend InChI acceptance		
Investigation of possible extension to biochemicals	Division VIII, IUBMB	To consider
Representation conventions and encoding of industrial chemicals	Division VIII, COCI	To consider
Promotion of InChI for regulations and substance registration	COCI, CPEP	To consider

In addition a new API was being developed by John Barnard (Digital Chemistry Ltd, Sheffield) and should be available by the Fall



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Publicity. 2 talks will be given at the ACS meeting in Philadelphia. A number of three minute videos are to be produced to highlight the use of InChI and InChIkeys.

The InChI Trust will have its annual meeting Sept 20,21 2012

14. Project status reports

15. Industry Reviews

16 Other business

Once again, those present expressed appreciation to Steve and Carmen for hosting the meeting in San Antonio and for opening their home - to use for an evening meal.

Next meeting: IUPAC General Assembly, August 10-11, 2013, Istanbul, Turkey

The meeting ended at 1PM.

Appendix:

Prior to the Minutes becoming available, the following email message was circulated (19th July 2012) by the Chair to the IUPAC President, President-Elect, Past-President, René, and Terry:

CPEP met in San Antonio this past weekend, and although other matters were discussed, the main topics of discussion were the status of both Pure and Applied Chemistry and Chemistry International, and the relationship with De Gruyter.

While there were serious concerns over the process and the way in which the relationship was announced, we had a fruitful discussion between our members and the Secretary General and with the two representatives from De Gruyter as well.

I would normally await a draft of the minutes to bring the following matters to your attention. However, recognizing the urgency of the situation, I felt it important to bring these matters forward now. The Committee recommends that negotiations with De Gruyter should be continued. However, there are several matters that we feel are significant and should be addressed immediately.

1. René assured the Committee that the press release would be removed by Monday, July 16, and replaced with an apology for the premature release. The original press release in German is still online at this time (<http://www.degruyter.com/dg/newsitem...-publikationen>). The English version is also available and discoverable by Google: <http://www.degruyter.com/staticfiles...pi180612En.pdf>. Dr. Sven Fund of De Gruyter sent an apology to René and me for making the press release public without informing IUPAC. However, the Committee suggests that the press release be removed until one can be crafted with IUPAC approval.

2. James Bull noted some inaccuracies about PAC, and those must be corrected. In particular, the press release states that the journal is edited by a prestigious board, including René and myself. Since neither



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René nor I am involved in editing the journal, the statement is incorrect. In order to ensure accuracy, any press release should be subject to review by the Editor.

3. De Gruyter had posted information pages for the two IUPAC publications, both of which were “branded” as De Gruyter publications with no indication of any relationship with IUPAC. These pages have since been removed. It is important that De Gruyter understand that any display of journal names, covers, and information about the journal should prominently include the IUPAC brand.

4. On the journal pages (now removed), De Gruyter included pricing information. CPEP did not make a recommendation on pricing, since De Gruyter’s suggested pricing model is quite different from pricing trends over the last several years. We felt we did not have enough information about the rationale behind the pricing and how different price levels might affect subscriptions. There was also a discussion about whether the reports and recommendations that are currently open access should remain so or, as De Gruyter suggests, should become subscription access only. We provided some guidance on pricing for the negotiations, but asked that the Committee be consulted again for a recommendation when the negotiations with De Gruyter reach the stage of setting prices.

5. De Gruyter suggested that one of their staff be assigned the task of soliciting new content for publication in PAC. This would be a change in scope for the journal, which currently publishes the IUPAC Reports and Recommendations and selected contributions from selected IUPAC-sponsored conferences. This suggestion led to a discussion about whether the scope of the journal should be expanded. No recommendation was made at this time on expanding the scope of PAC. However, if it were decided to expand the scope, it would most certainly fall under the duties of the Editor, not one of De Gruyter’s staff.