

IUPAC Division of Organic and Biomolecular Chemistry

Division-III Committee Meeting: GA Torino, Italy, 4-08-2007, 9.00h.

Minutes

1. Apologies for absence received from Frank MacDonald.
Present: Isobe (president), Ivanov (vice-president), Koomen (secretary), three young observers (Demchuk Poland, Mouassaoui US, Pascariu Romania), Grosso, Clarke Uggerud, Krygowski, Kay, Blackburn, Nicotra, da Silva, Sydness (past IUPAC president), Tundo, Shoeb, Mosihuzzamann, Rauter, Norin, Black (IUPAC General Secretary), Garson, guests (partly): Mahaffy and Åkesson, CCE)
2. Consideration of the Merida/Kyoto/Antalya Division minutes. Minutes were accepted. Discussion about the high number of conferences projected for 2010. The situation turned out to be even worse during the meeting of the Biomolecular subcommittee. Combination should be considered like the combined congress of Biotechnology and Biomolecular Chemistry in Torino, organized by Mary Garson and Francesco Nicotra. Too many congresses per year might also be a financial risk for the organizers. Geographical distribution plays a major role in considering acceptance by IUPAC. If the amount of bids is limited, IUPAC usually accepts before controlling quality. Subcommittees might play a more important role in the decision about time and location of congresses and they also might suggest combinations.
3. Results TM elections, was postponed till point 6.
4. Presidential Report (Minoru Isobe)
The report was well received. Many items were also covered by the subcommittee reports. The Division gratefully acknowledges that thanks to Thieme, it is able to give once every two years a substantial prize to an excellent synthetic organic chemist under 40 years of age. The award lecture is presented during the International Conference on Organic Synthesis (ICOS). Suggestions of names are expected for the next prize, to be presented during ICOS 17 in Daejeon, S Korea, June 22-27, 2008.
The projects are very successful and a very valuable tool for the Division and IUPAC to show the basic chemical activities within the division. Division III should seriously consider to generate projects, since no new proposal was received so far during 2006-2007.
At the moment, the Division counts 31 Division members, representing worldwide chemistry: Asia 8 members, Europe 15, N. America 3, S. America 3, Africa 2, Australia. Since the Chemical Society of Ethiopia was accepted as an IUPAC National Adhering Organization, by council in Torino later this week, it can now have an official representative in Division III.
Titular Members are appointed for two years with an automatic extension to 4 years. Pakistan still has to decide for either Khan or Ahmad as their NR.
Official division representatives in standing committees are Fatima dGF da Silva (CCE), Janine Cossy (COCI) and Amelia Rauter (ICTNS). On our request, the IUPAC secretariat

confirmed that Portugal has asked officially to consider Amelia as their official National Representative.

Council approved the sanctions imposed by the Executive Committee on the NAO of Brasil, due to expiring the national subscription to IUPAC membership. This will have consequences for our representation in CCE.

5. Reports from the Sub-Committees chairs:
- a. Sub-committee on Organic Synthesis (Frank McDonald, not present)
Besides the conferences already mentioned, ICOS-18 will be held beginning August 1, 2010 in Bergen, Norway. The organizer, Leiv Sydness informed that all necessary bookings had been carried out already. For 2012 Budapest has shown interest, but other possibilities are still open.
 - b. Sub-committee on Biomolecular Chemistry (Mike Blackburn)
8th International Conference on Biomolecular Chemistry (ISBOC-8).
The arrangements for the IUPAC meeting are well underway. It will be held on July 13-18, 2008, in Charlottetown, Prince Edward Island, Canada
 - c. Sub-committee on Photochemistry. No information (Sylvia Braslavski)
 - d. Sub-Committee on Green Chemistry (Pietro Tundo)
The 1st International IUPAC Conference on Green Chemistry, ICG-1 was held in Dresden, september 10-15, 2006. The 2nd International IUPAC Conference on Green Chemistry, ICG-2, will be held in Moscow in late September 2008. It is being organized by Professor Valery Lunin and Dr. Ekaterina Lokteva Lomonosov Moscow State University). The web page on Green/Sustainable Chemistry was completed in may 2007. see Project: 2002-029-1-300.
 - e. Sub-committee on Structural and Mechanistic Chemistry (Marek Krygowski)
The International Conference of Physical Organic Chemistry (ICPOC – 18) was held in Warsaw (20 – 25 of August, 2006). Next International Conference of Physical Organic Chemistry (in 2008) will be held in Santiago de Compostela, Spain, dealing amongst others with new aromatic systems.
 - f. Sub-committee on Biotechnology (Francesco Nicotra)
CHEM-BIOTECH 2007 is a combined Biomolecular-Biotechnology Symposium as a major component of the 41st IUPAC Congress in Torino, Italy, August 5-11, 2007. This four-day CHEM-BIO-TECH Symposium comprises IUPAC's 1st Symposium on Biotechnology held jointly with IUPAC's 8th ISBOC meeting. 13th IBS will take place in Dalian, China, 12-17 October 2008. Chair Prof. Shengli Yang, Co-chair Prof. Fengwu Bai. see: www.ISB2008.org. For 2012 korea has been mentioned.

6. Elections of officers 2008/2009

Division III ballot results: Re elected were Janine Cossy, Mary Garson, Pietro Tundo, Li He Zhang. New members: Krishna N. Ganesh (India), Frank E. McDonald (USA), Axel Griesbeck Germany), José Elguero (Spain) and Noria A. Al-Awadi (Kuwait)

A complex situation arose when Ivanov, vice president (president-elect) indicated that due to heavy obligations in Moscow he could not accept elongation of an officer position in division III. So, in fact both positions of president and president-elect became vacant.

According to IUPAC rules, officers are recruited from the Titular Members of the division. After the last election, no further TM's can be appointed, since that would seriously affect the financial position of the division. Due to the fact, that the future position of Koomen should also be involved, he left the room.

The discussion that followed was summarized the next morning by the president, Minoru Isobe.

5-08-2007

Present: Isobe (president), Ivanov (vice-president), Koomen (secretary), three young observers (Demchuk Poland, Mouassaoui US, Pascariu, Romania), Grosso, Clarke, Kay, Blackburn, Rauter, Garson, Cossy, Norin, Uggerud, Stec, Liao, Tundo, Li He Zhang.

Election of officers continued.

Isobe mentioned some names of members as possible candidates for positions as officers. Both Frank Macdonald and Krishna Ganesh declined because of heavy duties within their own faculties. One of the possibilities suggested during the meeting, was to nominate the next DP out of the group of associate members. Whether a total number of 12 TM's was acceptable according to the IUPAC bylaws was extensively discussed. According to Norin this was possible, although appointing 12 TM's would have financial consequences for the Division budget.

A majority of the members present would prefer to appoint the very experienced Mike Blackburn as the new division president, which would require the extension to 12 TM's. Then, the board, formed by Blackburn (DP), Koomen (VP) and Mary Garson (secretary) was elected unanimously (one abstention). This would mean that Blackburn had to be appointed as a TM first. Later, information from the General Secretary became available that Blackburn had served as a TM already during 4 years and was not eligible as TM and accordingly also not as DP. After private discussions between the officers, the secretariat and the Secretary General, Pietro Tundo, chairman of the SC Green Chemistry was asked to fill in the vacancy of Division President, which he accepted. The new board of Division III for 2008-2009 then consisting of Tundo, Division president (DP), Koomen, VP (president elect) and Garson, Secretary should be confirmed by the Bureau and IUPAC council (if possible in its meeting of August 12th). Now, the approval is asked from the Division members by e-mail. Please react by mail to Isobe and c/c to Koomen if you have objections to the board mentioned above or wish to suggest alternative names.

7. Discussion of existing project proposals and dissemination of results.

Current Projects

2001-036-1-300 - Glossary of terms in photocatalysis and radiation catalysis*

2002-029-1-300 - An IUPAC coordinated web page on Green/Sustainable Chemistry

2002-030-1-300 - Fighting microbial resistance through development of new antimicrobial agents, directed against new specific targets

2003-043-1-300 - Green chemistry in the Arab region

2004-021-1-300 - Reference methods, standards and applications of photoluminescence*

2005-015-1-300 - "Global Climate Change" - Translation and dissemination of a monograph for secondary schools

2005-034-1-300 - Development of methodologies and protocols for documentation, evaluation of safety and efficacy and standardization of herbal medicine.

The coordinator Mossihuzzaman recently moved from Dhakka, Bangladesh to the HEJ Research Institute in Karachi, Pakistan. He supplied material to show the progress of the project.

2005-039-2-300 - Strategic Planning for a new East Asian Network for Organic Chemistry, coordinator Isobe.

The network consists of scientists from 6 Asian countries: China, Hong-Kong, Japan, Korea, Thailand, Singapore (not an IUPAC member yet), in total 230 scientists, task group consisting of 15 members. Results of the project will be published in "Chemistry, an Asian journal"

2005-042-1-300 - Chemistry for Biology - an inventory of interdivisional and interdisciplinary activities within IUPAC in the field of biological chemistry*

* Interdivisional project

OTHER INTERDIVISIONAL PROJECTS

2001-043-1-800 - Preferred names in the nomenclature of organic compounds

2003-006-1-100 - NMR chemical shifts: updated conventions

PROJECTS NEAR COMPLETION / IN PRESS

301/1/93 - Development of guidelines for the transmission of information on organic synthesis (Abbreviation guidelines and glossary of terms for protecting groups in synthesis). ICTNS does not agree with the fact that the proposed rules for nomenclature of silyl protecting groups have some inevitable exceptions. This attitude causes serious delay and might lead to an endless continuation of the present ambiguous situation.

Koomen mentioned that he had problems in having the results of project 20002-030-1-300 published in PAC, since according to the scientific editor James Bull the contributions of the speakers were not presented during an IUPAC sponsored conference. He suggested Chemistry International as an alternative, but that would be unacceptable for a scientific report of probably 50-60 pages.

In this case, the problem could be solved by taking up the project results in the special PAC volume "Chemistry for Biology" (project 2005-042-1-300, to appear end of this year). This situation should be discussed later again, since dissemination of the results is vital for the project system, which in fact should show the real chemical activities of the IUPAC research groups. The solution found this time and accepted by Norin as coordinator of project 2005-042-1-300 will not always be possible.

8. Discussion of new Project Proposals. No new project proposals were received. The chair stimulated all members present to prepare new projects, indicating that these should show the activities of the Division and that for projects a separate IUPAC budget is available.
9. Plans for the future. See other items.
10. Division Goals and Brochure, see Presidents' report. Since the work is mainly carried out in the SC's, they should become more visible on the IUPAC/Division webpages. Tundo mentions that within Green Chemistry there are some tendencies to change to an interdivisional committee. Div. III would prefer to continue the relations with the very active Subcommittee for Green Chemistry in its present form.

11. New IUPAC Prizes. In view of the success of the Thieme/IUPAC prize for synthesis, the subcommittees are stimulated to find other sponsors, for Green Chemistry, Structural and Mechanistic Chemistry etc.
12. Budget allocations. The budget for the division is 60.400 US\$ per annum. As an independent operational budget 2000 US\$ is allocated to every Subcommittee (total 12000 US\$. The remaining budget can be used for several applications, including (interdivisional) projects.
13. Consideration of future symposia and congresses. See above.
14. Date and time of next meeting.
Next meetings will be held at ICOS 17 in Daejeon Korea 22-27 June 2008, and after that in Glasgow 1-9 august 2009 at the 45th GA. As decided by council later that week, the 46th GA will take place in Puerto Rico in 2011. The Bureau meeting will be separate from the GA and the Division meeting will be held before the Glasgow GA.
In the future, the board will contact the secretariat and try to have the Division meeting after the meetings of the subcommittees. In Torino the division meeting was scheduled very early at the first day, which was rather unpractical (see 14)
15. Any Other Business. It would be useful to receive a short report from our representatives in standing committees like COCI, CCE and ICTNS. The oral presentations during the Division meetings only reach the members present.