

International Union of Pure and Applied Chemistry

89th MEETING OF BUREAU

Sofia, Bulgaria, 17-18 April 2010

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89th MEETING OF BUREAU

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MINUTES

- Attendees: Prof. N. J. Moreau, Chair, Prof. D. StC. Black, Prof. J. Corish, Dr. M. J. Dröscher, Dr. A. Fajgelj, Mr. C. J. Humphris, Prof. J-I. Jin, Dr. A. Kallner, Prof. R. S. Lamba, Dr. R. D. Loss, Prof. P. G. Mahaffy, Prof. A. J. McQuillan, Prof. C. K. Ober, Prof. S. Penczek, Prof. N. Senesi, Prof. L. K. Sydnes, Prof. N. P. Tarasova, Prof. K. Tatsumi, Prof. D. M. Templeton, Prof. Q-F. Zhou
- Absentees: Prof. R. M. Hartshorn, Prof. W. Klein, Prof. G. J. Koomen, Prof. E. Reichmanis, Prof. M. C. E. van Dam-Mieras, Prof. I. Willner
- Guests: Dr. J. M. Malin, Dr. F. Meyers, Prof. H. K. J. Powell
- Secretary: Dr. T. A. Renner, Executive Director

1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Prof. Moreau welcomed the members of the Bureau to the meeting and thanked the Bulgarian Academy of Sciences for hosting IUPAC. She acknowledged that this would have been the last Bureau meeting for retiring Executive Director Dr. John Jost, thanked him for his many years of service, and informed the Bureau of the reason for his absence from the meeting. Prof. Moreau also mentioned the devastating earthquake that struck Concepción, Chile, and the impact that it had on our colleagues there. She asked if there were any changes or additions to the Agenda. There were no changes.

2. MINUTES OF 87TH AND 88TH MEETINGS OF BUREAU

Prof. Moreau noted that the Minutes of the 87th and 88th Bureau meetings had been approved by correspondence and asked if there were any comments. There were no comments.

2.1 MATTERS ARISING FROM MINUTES (NOT COVERED BY ITEMS ON AGENDA)

There were no matters arising from the Minutes not covered by the Agenda.

3. MINUTES OF 141ST MEETING OF EXECUTIVE COMMITTEE

3.1 RECEIPT OF MINUTES BY BUREAU

Prof. Moreau noted that the Minutes of the 141st Executive Committee meeting had been approved by correspondence and asked if there were any comments. There were no comments.

3.2 HIGHLIGHTS AND QUESTIONS ABOUT ITEMS NOT ON BUREAU AGENDA

There were no questions about Items from the Minutes of the Executive Committee.

4. ACTION ITEMS FROM PREVIOUS MEETINGS

Prof. Moreau reviewed the Action Items in progress and the Bureau was asked to inform the Secretariat of any changes in status.

5. VICE PRESIDENT'S CRITICAL ASSESSMENT

Prof. Tatsumi addressed the Bureau on ten key issues. (a) He inquired about the financial status of IUPAC in light of the global economic situation of the last two years and the current need to fund activities for IYC 2011. Prof. Corish responded that finances are in good shape due to conservative investment strategies. He also described the detailed funding efforts for IYC 2011 that are in progress. (b) Prof. Tatsumi noted that, after the IYC, IUPAC must continue to respond to global needs through the strong support of CHEMRAWN, COCI, and CCE. Education and training will be key elements of policy for worldwide sustainable development, in concert with the Millennium Goals of the United Nations. (c) IUPAC should try to engage the Chemical Societies of the world more fully and seek ways to get them to cooperate with each other. (d) Although IUPAC is currently financially stable, we must find ways to increase our ability to fund projects and other important activities. Expansion of the Secretariat staff was mentioned as a future possibility to be explored. (e) Prof. Tatsumi stressed that IUPAC must increase its visibility to the world. IYC will help to increase exposure to the general public in some respects. People in developing countries may come to know IUPAC through the actions of COCI and CCE. We must make a concerted effort to become better known by active professional chemists and chemical societies. This could also potentially increase the number of NAO members in IUPAC. Prof. Tarasova suggested adding another group of educators yet to be defined. In general, more and better educational systems will support sustainable development on a worldwide basis. (f) Prof. Tatsumi suggested better engagement of Nobel Laureates in Chemistry to increase IUPAC impact, perhaps through some form of Advisory Committee. Prof. Jin recommended that IUPAC should consider bringing in industrial/commercial chemists as part of an Advisory Committee in order to add another real-world perspective. (g) The role of women in chemistry was mentioned. IUPAC should be more proactive in promoting opportunities for women. (h) IUPAC should try to improve its working relationship with ICSU. To achieve this effectively, the specific roles and expectations of each organization need to be determined and well defined. (i) Prof. Tatsumi feels that IUPAC should form closer ties with the chemical societies of emerging countries, specifically in Latin and South America, the Middle East, Asia, and Africa. (j) Finally, Prof. Tatsumi expects that new roles for IUPAC will emerge from the IYC. We must follow up on all of these opportunities, particularly with those that involve the formation of partnerships to address pressing issues of global sustainable development.

Prof. Penczek suggested that IUPAC could approach chemical societies in order to deliver our story in their local forums. Prof. Moreau commented that this is a good idea, but that the cost would be high to do this on a worldwide basis. In lieu

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of our officers, perhaps IUPAC affiliates in each country could fill the role of ambassador.

Informal opportunities occur where IUPAC members may be participating in scientific meetings around the world, as lecturers, presenters, etc. These members could represent IUPAC unofficially in these situations. To assist this effort, a short and focused presentation on IUPAC should be developed.

6. RECEIPT OF PROGRESS REPORTS FROM DIVISIONS AND STANDING COMMITTEES

The reports from the Divisions and Standing Committees were taken as read. A few specific highlights from these reports are enumerated below. Prof. McQuillan commented that Division I supports two key projects: to create an abridged version of the 3rd edition of the Green Book to serve students and continuing education; and to prepare for translation of the Green Book into other languages. One major challenge for Division I has been the transition from commissions to the project system and the impact of this transition on the generation of new projects. Dr. Loss mentioned that the largest active IYC-2011 related project for Division II is a collaborative project with CCE to produce a novel periodic table that focuses on the isotopic composition of the elements and the specific application of isotopes in Science, Technology and Industry. Primary target audiences are chemistry students and chemistry teachers. Prof. Ober has indicated that Division IV is pursuing an enhanced IUPAC Polymer Education web site with videos of leading academic and industrial polymer chemists describing their views of polymer chemistry. This improved web site will provide a broad source of information for education during the IYC 2011. Prof. Mahaffy related that CCE is involved in several educational activities for the IYC 2011. In particular, he said that the committee believes that IUPAC should plan now for extending partnerships for education and public understanding well beyond the close of the IYC. He suggested that the Divisions should consider taking the lead to identify and characterize challenges, in both science and education, which can be tackled during the decade following the IYC, in order to address world needs. Prof. Sydnes related that CHEMRAWN recommends the addition of National Representatives to its structure. Such an enhancement of the membership is likely to broaden the platform for generation of new ideas and thus stimulate the development of new conferences. Issues related to CHEMRAWN's support of the Malta Conferences were discussed. Both of these key topics are discussed below in items 9 and 10 of the Minutes. Dr. Dröscher commented that COCI continues to cooperate with CCE to provide industrial perspectives to the public appreciation of chemistry, an important matter for the IYC 2011.

7. ITEMS FROM MEETING OF DIVISION PRESIDENTS

Prof. Ober presented a summary of the meeting of Division Presidents and Standing Committee Chairs held on Friday morning, 16 April. Prof. Black described in some detail the IUPAC election process for DPs and SCCs. This

included the nomination process, creation of the election slate, and the actual voting process. He also summarized membership requirements, appointments, status, and term limits. Concern was expressed over IUPAC's image during the upcoming IYC 2011 due to a poorly designed and functioning web site. The current web site was judged unacceptable and the possibility of hiring a professional web site developer was suggested. After some discussion about the status of the various versions of the web site in existence, Profs. Ober and Mahaffy volunteered to draft a letter to CPEP regarding requirements for a new and properly updated web site. It was judged vital that this update be completed before the start of the IYC 2011. Prof. Sydnese raised the possibility of obtaining a mini-planning grant through ACS to support an upcoming bio-weapons conference in China, November 2010. Other discussions centered on IYC activities for the Divisions and Standing Committees, work of the Evaluation Committee, and fundraising for IYC (coordination within the various IUPAC groups for this purpose). Prof. Doug Templeton was unanimously chosen to chair the Meeting of DPs and SCCs at the next Bureau meeting.

8. INTERNATIONAL YEAR OF CHEMISTRY

8.1 MEETINGS WITH CHEMICAL SOCIETIES

Prof. Moreau discussed the meeting with Presidents of Regional Chemical Societies that was held on Wednesday, 14 April. This meeting was attended by representatives from Bulgaria, Slovakia, and Romania. All three countries expressed strong commitment to the education of youth during IYC 2011 and are actively working on a variety of activities for the celebration. Bulgaria has completed translation of the Red Book into the Bulgarian language. Romania would like to become an NAO and is working toward that end by encouraging more cooperation between academia and industry. They are also working on a translation of the Red Book into the Romanian language. Slovakia announced plans to issue a Euro-denominated postage stamp in commemoration of the IYC 2011.

8.2 MANAGEMENT AND PLANNING

Dr. Malin summarized the meeting of the IYC Management Committee that was held on Thursday, 15 April. Key items of interest were the reports from the following Subcommittees: Women in Chemistry, Opening Ceremony – Paris, Closing Ceremony – Brussels, Fund-Raising, Pacifichem, IYC + Africa, Outreach, and WCLM – Puerto Rico. Additional information may be found in the Agenda Book. Prof. Corish described detailed plans for at least two levels of the fund-raising campaign. The point was made that specific contacts who might be able to sponsor IYC at higher levels need to be identified. Mr. Humphris pointed out that fund solicitation by letter campaign alone would be insufficient to achieve targeted goals. The ability of the Secretariat to provide support for all IYC activities was discussed at some length. In the end, it was agreed by the Bureau that Prof. Black, Prof. Corish, Dr. Meyers, and Dr. Renner would

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meet to discuss the real staffing needs at the Secretariat and to adopt the best expedient solution. Dr. Meyers discussed the current status of the IYC 2011 web site and reported that it is up and running very successfully. Its existence needs to be publicized more widely so that users can obtain maximum benefit in planning worldwide activities for IYC.

Plans for pre-IYC 2011 activities at Pacificchem are taking shape. There will be a fully staffed IUPAC booth at the exhibition; no reception is planned.

Plans for the Congress and GA in San Juan, Puerto Rico in 2011 are progressing well.

The next meeting of the IYC Management Committee is scheduled for 5-7 November 2011 at the Secretariat in North Carolina. This will likely be the last meeting of this committee prior to the beginning of the IYC 2011.

Prof. Penczek indicated that special events are taking shape for the celebration of the life of Maria Sklodowska-Curie during IYC 2011. Activities on 29 January at the Sorbonne in Paris and on 25 November at the former King's Palace in Warsaw are planned.

9. IUPAC SPONSORSHIP OF THE MALTA CONFERENCES

Prof. Black presented a history of the CHEMRAWN Committee, whose principal purpose is to provide scientific and organizational leadership for the purpose of identifying chemically related needs, opportunities and priorities on an international and worldwide scale. It is important to realize that CHEMRAWN conferences are designed to identify and focus attention on world needs and to recommend to the global scientific community specific actions to be taken. During the last biennium, CHEMRAWN was linked to the Malta Conferences purely as a funding conduit and no more.

Prof. Sydnes presented a case for continued support by IUPAC for the Malta Conferences. He mentioned that last year's Malta IV Conference in Jordan was successful and had good attendance. He said that funding of the conference was a challenge, but in the end, there was actually a budget surplus. CHEMRAWN advised the Malta organizing committee to try to establish a funding mechanism that would lead to a more predictable and stable financial situation. The IUPAC committee also recommended that the next Malta Conference should be more aligned with the CHEMRAWN conference concept and relevant topics. Prof. Sydnes recommended that IUPAC should continue to support the Malta Conferences through CHEMRAWN.

Prof. Black responded to Prof. Sydnes' remarks by reminding the Bureau that the Malta Conferences are closed, and therefore do not conform to the fundamental IUPAC principle of international conferences that are open to all qualified scientists who may wish to attend. Therefore, they cannot and should not reside as a legitimate part of CHEMRAWN activity.

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Bureau members participated in a spirited discussion of the Malta Conference issue, with many clarifying questions posed and answers given. In particular, the issue of what IUPAC should do regarding the current relationship with the Malta Conferences was actively debated. The specific Question from the Detailed Agenda (*Should the Malta Conference series become a regular activity of CHEMRAWN?*) was next brought to the floor for a formal vote. The question was voted down (**No**) by a strong majority of the participants.

Subsequent to the vote on this Question, Mr. Humphris brought a new motion to the floor: IUPAC will sponsor, by providing organization without funding, the next UNESCO-backed Malta Conference in 2011 in Paris. After this event, IUPAC will no longer sponsor this series of conferences. The motion was seconded and the majority of the Bureau voted in favor (**Yes**) of this motion.

10. ADDITION OF NATIONAL REPRESENTATIVES TO CHEMRAWN

Prof. Black presented background information regarding the constitution of the CHEMRAWN Committee according to the Statutes, Bylaws and Standing Orders 2010 of IUPAC. In this current version of the SB&SO, there is no provision for the existence of National Representatives (NR) on the CHEMRAWN Committee.

Prof. Sydnes responded that, when he was Vice President of IUPAC, his critical assessment recommended that NR be added to CHEMRAWN in order to broaden perspectives and generate more new ideas in concert with the Committee's major objectives.

Prof. Moreau suggested the possibility of "borrowing" NR from other Divisions or Committees to work on specific problems where their expertise could be of benefit to CHEMRAWN.

Prof. Mahaffy supported the addition of NR to CHEMRAWN to encourage inclusion of representatives from emerging countries. He also indicated that the additional CHEMRAWN members could be appointed on a regional rather than national basis (RR instead of NR).

After additional general discussion among the Bureau members, the specific Question from the Detailed Agenda (*Should the Standing Orders of the CHEMRAWN Committee be amended to permit the addition of National Representatives from NAOs?*) was brought to the floor for a formal vote. The vote was unanimously in favor of the question (**Yes**). This change to the Standing Orders requires final approval from the Council in 2011.

11. FUTURE GENERAL ASSEMBLIES AND CONGRESSES

11.1 46TH GENERAL ASSEMBLY AND 43RD CONGRESS (SAN JUAN, 2011)

11.1.1 Review of Plans for Congress and General Assembly

Prof. Lamba described the preparations to date for the 2011 IUPAC Congress and General Assembly in San Juan, Puerto Rico. Seven Nobel Laureates in Chemistry have been confirmed as keynote speakers for the Congress. In addition, a comprehensive schedule of technical symposia is in development. The schedule for the main meetings is given below. The Congress will open on Sunday, 31 July 2011.

Thursday, 28 July: Young Observers Briefing and Reception
Friday & Saturday, 29-30 July: Division Committee Meetings
Saturday (Eve), 30 July: President's Address and Members Reception
Sunday & Monday: 31 July – 1 August: Standing Committees
Monday (PM), 1 August: Council Round Table Discussions
Tuesday (AM/PM), 2 August: WCLM
Wednesday (AM & PM) & Thursday (AM), 3-4 August: Council Mtg
Wednesday (Eve), 3 August: Council Reception
Thursday (12:30), 4 August: Bureau Meeting (includes lunch)
Thursday (14:00), 4 August: Executive Committee Meeting.

Dr. Renner reported that plans for the Congress are well in hand and the chosen venue meets all expectations. He will visit San Juan in May 2011 to review final plans with the organizers. A full progress report is in the Agenda Book.

11.1.2 World Chemistry Leadership Meeting

Mr. Humphris summarized the recent activities of the organizing committee for WCLM. At this time a day-long meeting is planned as part of the General Assembly program in Puerto Rico, 2 August 2011. The meeting will focus on the theme, "Challenges for Chemistry in Sustainable Development." The WCLM is seen to encompass (a) contributions of a number of perspectives from speakers of global stature on the challenges of Sustainable Development and the importance of activating the world's scientists to meet them; (b) working discussions involving the IUPAC family focused on what is needed to mobilize the global chemistry community in order to identify and prioritize these challenges in a practical sense; and (c) a final plenary roundtable moderated by the incoming President to draw conclusions and set realistic action plans. Any real measure of success in this endeavor will depend heavily on a worldwide educational initiative. Such an initiative will require the formation of global partnerships to implement solutions. WCLM is a global call to action

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to address critical issues of Sustainable Development during and beyond the IYC 2011.

11.1.3 Round Table Discussion Items

The afternoon of Monday, 1 August, has been reserved for these panels at the General Assembly in Puerto Rico. No topics for the Round Tables have been fixed to date. One possibility is for the WCLM to incorporate the Round Tables into its formal program.

11.2 47TH GENERAL ASSEMBLY AND 44TH CONGRESS (ISTANBUL, 2013)

Dr. Renner reported that firm dates for the Congress and General Assembly in Istanbul, Turkey, in 2013 have been set. Agreed dates are 9-15 August 2013 for the General Assembly and 11-16 August 2013 for the Congress. The Turkish Chemical Society is selecting an organizing committee for this event; once selected, preliminary planning will commence.

11.3 48TH GENERAL ASSEMBLY AND 45TH CONGRESS (SEOUL, 2015)

Dr. Renner reported that the proposal of the Korean Chemical Society to host the 2015 Congress and General Assembly has been accepted. There are no significant planning details to report at this time.

12. FINANCIAL MATTERS

12.1 REPORT OF TREASURER

Prof. Corish reported that there were no significant financial issues to report, other than the fluctuations in the value of the investment portfolio, which would be discussed in Item 12.2.

12.2 REPORT OF FINANCE COMMITTEE

Prof. Corish commented that the market turmoil of the past two years has had an effect on the value of IUPAC's investment portfolio. The Table below summarizes the recent value of the portfolio through Q1 2010.

Portfolio Value Summary

Date	USD	EUR (in USD)	Total	Change
31-Dec-06	3,991,233	1,559,961	5,551,193	
31-Dec-07	4,192,852	1,668,575	5,861,427	310,234
31-Dec-08	2,969,792	1,531,446	4,501,238	(1,360,190)
31-Dec-09	3,603,516	1,307,702	4,911,218	409,980
31-Mar-10	3,672,706	1,272,718	4,945,424	34,206

Loss in value of the investment portfolio during the recent global economic downturn has been minimized due to the conservative investment policy adopted by the Finance Committee during this period of uncertainty. Results for the year ending 31-Dec-09 showed a definite upswing that has continued through the first quarter of 2010.

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12.3 STATEMENT OF ACCOUNTS FOR 2009

Prof. Corish noted that the Agenda Book contains the audited financial statement for 2008 and 2009, as well as the most recent accountant's report. He reported that the auditors completed their field work during the week of 15 February 2010 and issued their final audited report on 22 March 2010. No material issues had arisen during the auditor's field work and their report contained no items of concern.

12.4 REVIEW OF BUDGETS FOR 2010-11

Prof. Corish said that there were no changes proposed to the budget as approved by Council at Glasgow. The approved budget is USD 3 029 300, income and expense, and there were small increases in most expense categories; this budget is USD 93 200 greater than that of the previous biennium. The approved Total National Subscriptions represented an annual increase of about 3% from that for 2008-9.

12.5 NAO AND ANAO PAYMENT STATUS

Dr. Renner reported that, of the NAOs admitted at Glasgow, Saudi Arabia has not yet made its first National Subscription payment. Provisional membership for Cyprus was approved by the Executive Committee in November 2009 and payment of the National Subscription was received on 26 February 2010. Provisional membership for Tanzania was approved by the Executive Committee in January 2010 and payment of the National Subscription has not yet been received. Four NAOs (Egypt, Greece, Pakistan, and Portugal) have not yet paid their 2009 National Subscriptions. Approval to apply sanctions will be requested if payment is not received by the end of 2010.

13. REPORT FROM THE MEMBERSHIP RELATIONS COMMITTEE

Prof. Jin reported that the number of NAOs has increased to 56 and that the MRC will try to increase that number by identifying new candidates. Potential new candidates include Colombia, Venezuela, Indonesia, and the Philippines. The current number of ANAOs is 3. The IYC 2011 is expected to help our efforts to increase the number of NAOs and ANAOs. Facilitation of communication between IUPAC and NAOs and ANAOs still has to be improved. This issue is an important matter for the MRC to solve. In particular, the IUPAC Bureau will be requested to help improve overall communications.

Dr. Meyers mentioned that a study on the formation of an IUPAC Young Chemists Network, which has been much discussed in recent months, presents another important task and opportunity for the MRC.

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14. PUBLICATIONS

14.1 STATUS REPORT ON *PURE AND APPLIED CHEMISTRY*

Dr. Renner noted that the Agenda book contained an updated financial summary for *PAC*. He reported that *PAC* continues to be a significant source of income for IUPAC, although the total number of institutional subscribers declined again in the current year. The number of print subscriptions to *PAC* continued to decline, while the number of electronic-only subscriptions showed an increase.

14.2 STATUS REPORT ON *CHEMISTRY INTERNATIONAL*

Dr. Meyers commented that publication of *CI* continues normally. The Bureau thanked her for her excellent work on this periodical. Summary financial information for *CI* is given below in Item 19 of the minutes.

14.3 BOOK PUBLICATION AND BOOK SALES

Dr. Renner reported that the *Compendium of Polymer Terminology*, the *Purple Book*, had been published in 2009 after a number of years of hard work by the editors. It is anticipated that the final draft of the new Blue Book will be available in 2010 with publication possible in late 2010 or early 2011. The life-to-date sales of the other color books that have been published in the last few years are shown in the table below.

Title (Publication Date)	Quantity	Net Income (GBP)	Royalty (GBP)
<i>Red Book II</i> (13 August 2001)	601	15 397	1 540
<i>Red Book</i> (22 November 2005)	722	23 384	2 338
<i>Green Book III</i> (2007)	934	23 300	2 330
<i>Purple Book</i> (2009)	292	20 127	2 013
<i>Concepts in Toxicology</i> (2009)	98	2 744	274

15. CURRENT PROJECTS

15.1 REPORT FROM PROJECT COMMITTEE

Prof. Powell reported that, during 2009, the Committee reviewed and approved 14 projects that sought funding from the Project Reserve. Commitments for the 2008-2009 biennium totaled USD 113 650 (103 % of available funds spread over 20 projects). These were supplemented by advance commitments of USD 7 500 from the 2010-2011 Project Reserve (2 projects) and complemented by supporting commitments of USD 22 445

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from the Strategic Opportunities Fund. To the date of the Bureau meeting in 2010, three proposals have been reviewed and funded, for a total of USD 20 200).

Funding commitments from the Strategic Opportunities Fund (SOF) are recommended when the proposed project activity has strategic importance to IUPAC as a whole. SOF funding may be used to complement funding from the Project Reserve. Alternatively, it may represent the total funding source for a project; for example, support for IYC Management Committee meetings is sourced totally from the SOF.

During 2009 Prof. Powell reported that the Committee approved commitments of USD 175 565 from the SOF. Contributing to this were commitments of USD 22 445 for the supplementary funding of 4 projects receiving funds from the Project Reserve, and USD 153 120 for projects supported totally from the SOF. To the date of the Bureau meeting in 2010, one Project (IYC Management Committee, and subcommittee, meetings, 2010) has received support of USD 45 120.

Prof. Powell indicated that the Project Committee reviews proposals from Divisions/SC for financial support of conferences in “scientifically emerging regions” (FSC-SER) and conferences that promote “new directions in chemistry” (FSC-NDC). Across these two categories the biennial budget is USD 65 000. In the reporting period there have been six applications, with four being funded (two FSC-NDC and two FSC-SER, a total of USD 19 880). One application was declined (FSC-NDC) on the basis of being a continuing conference series with an inadequate case for “New Directions.” One was declined because of an incomplete and very late submission. The total number of Conferences funded during the biennium was 6 (total USD 31 880), in contrast to 11 conferences supported by IUPAC in the previous biennium. Thus these two programs for financial support of Conferences have been a “missed opportunity” during the reporting period.

The Committee is aware of the need to further promote the FSC programs, which are not only of value to the recipients and the host country, but also of value to IUPAC as a means of engaging with communities and countries not normally connected with, or informed about, IUPAC activities.

Prof. Powell commented that the Project Committee will also reassess the Project Proposal Form with a view to giving greater priority and clarity to the relevance and dissemination of project outcomes. Such a reassessment has not been completed since 2002.

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The Project Committee met on Friday afternoon, 16 April 2010. They also met together with the Evaluation Committee to discuss opportunities for greater cooperation and collaboration.

15.2 PROJECT COMMITMENTS AND EXPENSE, PROJECT APPROVALS

Dr. Renner stated that three reports routinely provided to Division Presidents, Standing Committee Chairs, Task Group Chairs, and the IUPAC Officers have been included in the Agenda Book for the information of the Bureau. There was no additional discussion.

16. REPORT FROM EVALUATION COMMITTEE

Dr. Kallner summarized issues that had been discussed at the Evaluation Committee meeting on 16 April 2010. The Committee recommended that the final lasting value or importance of projects should be determined. The Committee should have a policy in place to inform Division Committees about their opinion developed during the evaluation process. To do this fairly and completely requires a statement from the Division President concerning the project's overall success in achieving stated goals. Projects should have not only due dates, but also milestones to allow monitoring of progress in a continuous fashion. Dr. Kallner stated that a rigorous process should be followed with respect to project evaluation: 1) projects are finished and reports are issued; 2) Secretariat distributes reports to Evaluation Committee; and 3) Evaluation Committee evaluates project reports and reports results to Bureau. The Committee needs timely delivery of annual reports to be effective. He also mentioned that the Committee agreed to work more closely with the Project Committee.

17. REAFFIRMATION OF THE ROLE OF ICTNS

The Chairman of ICTNS, Prof. Weir, submitted a Briefing Note to the Secretary General requesting a statement of continuing support from the IUPAC Bureau or Executive Committee that acknowledges the responsibilities of ICTNS to enforce existing IUPAC Recommendations in publications sponsored by IUPAC and to maintain cooperation with international bodies on which IUPAC is represented. The Briefing Note may be found in the Agenda Book.

Prof. Black discussed the historical implications of this matter and introduced the following Motion: *The Bureau reasserts its strong support for the responsibilities of ICTNS to enforce existing IUPAC Recommendations in publications sponsored by IUPAC and to maintain cooperation with international bodies on which IUPAC is represented.* This motion was seconded by several Bureau members and was unanimously passed without discussion.

18. DISCOVERY AND NAMING OF NEW ELEMENTS

Prof. Corish reported that IUPAC has officially approved the name copernicium, with symbol Cn, for the element of atomic number 112. Priority for the discovery of this element was assigned, in accordance with the agreed criteria, to the Gesellschaft für Schwerionenforschung (GSI, Center for Heavy Ion Research) in Darmstadt, Germany. The team at GSI proposed the name copernicium which has now been approved by IUPAC. Sigurd Hofmann, leader of the GSI team, stated that the intent was to "salute an influential scientist who didn't receive any accolades in his own lifetime, and highlight the link between astronomy and the field of nuclear chemistry."

The Recommendations will be published in the March issue of the IUPAC journal *Pure and Applied Chemistry* and be available online at *Pure Appl. Chem.*, 2010, Vol. 82, No. 3, pp. pp 753-755. Priority of claims to the discovery of the element of atomic number 112 was determined by a Joint Working Party of independent experts drawn from the International Union of Pure and Applied Chemistry (IUPAC) and the International Union of Pure and Applied Physics (IUPAP). The group's report was published in July 2009, *Pure Appl. Chem.*, 2009, Vol. 81, No. 7, pp. 1331-1343. The Joint Working Party will issue a second report, dealing with claims for the discovery of elements with atomic numbers in the range 113 to 118, in the near future.

Prof. Penczek announced that a celebration in honor of copernicium and its namesake, Copernicus, will be held in Toruń, Poland, on 18 February 2011. See the full press release in the Agenda Book.

19. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

Dr. Renner reported that the Agenda Book contains an updated financial summary for the Affiliate membership Program and CI. There were no significant changes in the operation of the Fellows program or in the AMP in 2008 or 2009. The current number of Fellows in our database is 1664. Each new Fellow receives a letter signed by the President informing him/her of the new status.

There were 3305 ACS Affiliates and 874 paid Affiliates from other chemical societies in 2009. In addition there were 37 Individual Paid Affiliates, 78 Individual Sponsored Affiliates, and 253 Sponsored Affiliates through chemical societies.

20. STATUS REPORT ON IUPAC SECRETARIAT

Dr. Terry Renner assumed the role of Executive Director at the Secretariat Office in North Carolina on 1 February 2010. Dr. John Jost remains at the Secretariat as Managing Editor of PAC until his retirement at the end of August 2010. This period of overlap will enable Dr. Renner to become familiar with IUPAC operational processes and to devote time to supporting the activities of IYC 2011

without interruption to the normal activities of the Secretariat.

21. IUPAC WEB SITE AND OTHER PUBLICITY ABOUT THE UNION

Dr. Renner reported that the Secretariat continues to work with the developers in Prague to bring the state of version 2.1 of the IUPAC web site to a level that we all agree is ready for public access.

22. IUPAC PRIZES FOR YOUNG SCIENTISTS 2010

Prof. Jin announced that applications for prizes have been received from 29 applicants in 15 different countries and the quality of the research presented is very high. Committee members have completed their reviews of the applications and award announcements will be made shortly. It is anticipated that five Prizes and five Honorable Mentions will be awarded.

23. CONFERENCES AND SYMPOSIA

23.1 SUPPORT FOR CONFERENCES IN SCIENTIFICALLY EMERGING REGIONS AND CONFERENCES ON NEW DIRECTIONS IN CHEMISTRY

This item was discussed in detail by Prof. Powell under Agenda Item 15.1.

23.2 COMMITTEE ON CHEMICAL RESEARCH FUNDING

Prof. Jin reported that an international pilot call was made on 1 October 2009 for four different topics in polymer science. Twenty eight proposals were received in response to the call and each proposal represents collaboration by three different nations. They are now being evaluated by external reviewers. An Oversight Committee was formed in the Polymer Division to review the entire process and to recommend the next steps to permit continuation of similar research efforts into the future. The international pilot call was prepared by Dr. Steven Meyers. The International Pilot Call Agreement is included in the Agenda Book for reference.

23.3 RATIFICATION OF SPONSORSHIP OF SYMPOSIA

A motion was made and seconded to ratify conference sponsorships approved since the last meeting of the Executive Committee in Concepción, Chile, as listed in the Agenda Book. The motion was approved unanimously. This approval encompassed seven conferences.

24. DATES AND PLACE OF NEXT BUREAU MEETING

IUPAC Officers have proposed that the next meeting of the Bureau should be held in Poland, in conjunction with the special event planned to honor Mme. Maria Skłodowska-Curie. Prof. Moreau asked that Dr. Renner verify the acceptability of this proposal with the appropriate members of the Polish Academy of Science. Target dates are early- to mid-April 2011.

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25. ANY OTHER BUSINESS

Prof. Moreau asked if there were any other business. When there were no replies, she adjourned the meeting.