

International Union of Pure and Applied Chemistry

90th MEETING OF BUREAU

Warsaw, Poland, 9-10 April 2011

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International Union of Pure and Applied Chemistry

90th 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, Prof. R. M. Hartshorn, Mr. C. J. Humphris, Prof. J-I. Jin, Dr. A. Kallner, Prof. R. S. Lamba, Dr. R. D. Loss, Prof. P. G. Mahaffy, Prof. C. K. Ober, Prof. S. Penczek, Prof. E. Reichmanis, Prof. N. Senesi, Prof. L. K. Sydnes, Prof. N. P. Tarasova, Prof. K. Tatsumi, Prof. D. M. Templeton, Prof. M. C. E. van Dam-Mieras, Prof. Q-F. Zhou

Absentees: Prof. W. Klein, Prof. G. J. Koomen, Prof. A. J. McQuillan, Prof. I. Willner

Guests: 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 Polish Academy of Sciences for hosting IUPAC. Prof. Moreau mentioned the devastating earthquakes that struck both New Zealand and Japan, and the impact that these natural disasters had on our colleagues there. She asked if there were any changes or additions to the Agenda. There were no changes.

2. MINUTES OF 89TH MEETING OF BUREAU

Prof. Moreau noted that the Minutes of the 89th Bureau meeting in Sofia, Bulgaria, 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 142ND AND 143RD MEETINGS OF EXECUTIVE COMMITTEE

3.1 RECEIPT OF MINUTES BY BUREAU

Prof. Moreau noted that the Minutes of the 142nd Executive Committee meeting in Sofia, Bulgaria, and the Minutes of the 143rd Executive Committee meeting in Taipei, Taiwan, 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. No changes were reported.

5. VICE PRESIDENT'S CRITICAL ASSESSMENT

Prof. Tatsumi commented on post-earthquake conditions in Japan and thanked Prof. Moreau for IUPAC's support mentioned in her opening remarks.

His critical assessment may be summarized as follows: To carry the momentum of the International Year of Chemistry (IYC 2011) onward to the centennial celebration of IUPAC's founding in 2019, IUPAC must develop closer ties between academic chemists and the chemical industry. These ties have slowly weakened over time since IUPAC was first established. We must involve younger chemists with fresh ideas more directly in the activities of our Union. The general public must also be engaged through education. IUPAC has strengthened relationships with other chemical societies around the world and also with the United Nations through its partnership with UNESCO to sponsor the IYC 2011.

Prof. Tatsumi asked the Bureau members for feedback on the ideas that he presented. In particular, he solicited suggestions for how IUPAC can use its expert knowledge, experience and resources to address the growing problems of sustainable development. He re-emphasized the importance of CHEMRAWN and COCI to contribute solutions to this global issue. To achieve greater impact in the world by IUPAC, we need to develop new mechanisms to raise our working capital.

Prof. Tatsumi stated that IUPAC must increase its visibility worldwide. The general public, and especially young people, must be aware of what we do. He strongly believes that the International Chemistry Olympiad should be supported by IUPAC. Chemists in emerging and developing countries should be encouraged to join IUPAC as NAOs and ANAOs. To reach chemical professionals, IUPAC should strive to increase its sponsorship of international conferences. IUPAC must work more closely and continuously with all major chemistry societies and organizations through the world. He supports the formation of a task group to explore how this can be done realistically.

Prof. Reichmanis, Mr Humphris, Prof. Lamba and Prof. Sydnes collectively commented that IUPAC needs to become much better at building relationships with outside organizations (e.g., Royal Society of Chemistry, American Chemical Society, etc.), as well as with industry. Strengthened relationships with these entities could lead to increased funding for projects and greater visibility. IUPAC must become the global leader in the solution of societal issues. Dr. Fajgelj stated that visibility could be improved by making maximum use of modern electronic resources in addition to our own web site. Prof. Reichmanis supported this

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recommendation to include the use of social networking tools to attract younger people to IUPAC. Prof. van Dam-Mieras also commented that IUPAC should be better at listening to the world to learn what the world wants and needs from us. These needs encompass education, health and safety, and other normal everyday activities. Prof. Mahaffy mentioned that IUPAC has a strategic plan that dates back to 1998 and that it should be updated periodically to reflect changes in needs due to world conditions.

Prof. Black responded that IUPAC has structures and resources already in place to achieve previously stated objectives regarding global impact. We should expand the affiliate program to increase the number of competent people who are able to carry out the objectives of our union. He suggested that specific proposals on this matter should be developed and debated at next year's Bureau meeting.

Prof. Moreau added that IUPAC must be at the pinnacle of international chemistry. We must not fear competition from other organizations and societies whose influence is more localized. We should instead build partnerships with them. UNESCO appears interested in strengthening ties with IUPAC after IYC.

Prof. Mahaffy requested that the minutes of this meeting should reflect the fact that we will take concrete action to address the issues raised by Prof. Tatsumi and the subsequent discussion.

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. The report from Division I indicates that twenty projects are currently supported. The Division also participates in 7 interdivisional and committee projects. Key challenges for Division I are the recruitment of expert chemists to work on project task groups and the identification and initiation of viable projects in the biophysical area. Prof. 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 has launched an enhanced IUPAC Polymer Education web site that tracks the most popular links in this field and monitors accesses to gauge the site's utility. This improved web site will provide a broad source of information for education during the IYC 2011. The first World Polymer Call has been very successful. Prof. Ober acknowledged the excellent work of Dr. Steve Meyers who served as Project Manager for this initiative. Funding has been completed. Prof. Senesi reported that Division VI is organizing two symposia related to sustainable development at the World Chemistry Congress in San Juan, Puerto Rico. Prof. Templeton discussed the IUPAC-Richter Prize adjudicated through the Medicinal Chemistry and Drug Development Subcommittee of Division VII. This prize is

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gaining prestige, and provides an international forum for scientific presentation by the winner with IUPAC's name associated. The winner for 2010 was Prof. Arun Ghosh, the inventor of Darunavir (already approved as a first line defense against-drug resistant AIDS) and new β -secretase inhibitors for Alzheimer's disease are under development. Prof. Hartshorn stated that several members of Division VIII are coming to the end of their official terms. Significant experience in nomenclature will be lost and they will need to be replaced by competent scientists to continue this work effectively. Prof. Mahaffy related that the Committee on Chemistry Education is involved in several educational activities for the IYC 2011. He acknowledged the dedicated work of several committee members who have led these efforts. Prof. Sydnes related that the previous CHEMRAWN report to the Bureau raised the issue of introducing two-year terms for the committee members. This idea was favorably received and during the discussion it was also suggested that the membership of the operating committees (CHEMRAWN, COCI and CCE) should be elected in the same manner as the Division committees. Dr. Dröscher commented that IYC 2011 activities have led to addition of more Company Associates to IUPAC. He indicated that an industrial prize for sustainability is under consideration by COCI; one of the key issues to be resolved is the source of funding for this prize.

Prof. Moreau discussed the World Data System (WDS) that is under implementation by ICSU. She solicited input from the Divisions and Standing Committee leadership as to whether or not IUPAC should participate. She also offered documentation for consideration.

7. ITEMS FROM MEETING OF DIVISION PRESIDENTS AND STANDING COMMITTEE CHAIRS

Prof. Templeton chaired the meeting of Division Presidents and Standing Committee Chairs and summarized the key areas of discussion. He recommended the establishment of a Task Group to maintain relationships and collaborations with other organizations and with the general public. Other items of interest have already been included in the formal reports of the DPs and SCCs.

The issue of publishing a scientific work that does not conform to nomenclature or terminology standards of IUPAC was debated. It was concluded that this lack of conformance of itself should not delay critical publications. Since the science itself is more important, it was suggested that the work should be published with a disclaimer acknowledging the problem. A Task Group or Working Group should be established to address the situation and to develop a process for future similar cases. The Bureau formally endorsed this proposal. In support of the Bureau endorsement, Dr. Fajgelj commented that the adopted solution is a generic one that may be reasonably used and applied to a variety of similar cases. Dr. Kallner stated that a similar situation also exists within the Evaluation Committee.

8. INTERNATIONAL YEAR OF CHEMISTRY

8.1 CORNERSTONE EVENTS

Prof. Moreau stated that the Launch Ceremony for IYC 2011 took place as scheduled on 27-28 January 2011 at UNESCO headquarters in Paris. There were a few operational problems encountered with participant registration and simultaneous translation of presentations, but on the whole the event was a great success. She also commented that preparations for the Closing Ceremony are well under control and the event will take place as scheduled on 1 December 2011. Prof. Jin acknowledged the great effort expended by all involved to make these cornerstone events successful and effective.

8.2 GLOBAL WATER EXPERIMENT

Mr. Humphris stated that the Global Water Experiment was launched successfully on March 22nd World Water Day in Cape Town with a high level of media interest. The activities were organized by UNESCO and sponsored by the Cape Town Municipal Authority and Sasol. Activities included the participation of about 1000 school children from the townships who conducted the experiments under the guidance of the CCE and the South African IYC Committee. Launches were also undertaken in other countries including Australia and the USA, with live demonstrations of the experiments at the recent ACS meeting. The Experiment is an ambitious and large center-piece activity for IYC in which chemistry is reaching out to young people across the world to show the power of chemistry to understand the world around them and to provide solutions to the issues it faces. Test kits to conduct the water experiments may be obtained for a fee from RADMASTE in South Africa. UNESCO is also active in supplying test kits to schools in their Associated Schools Program around the world.

8.3 FINANCIAL REPORT

Prof. Corish presented a summary of expenses incurred in support of IYC 2011 as of 23 March 2011. As recommended by the Finance Committee at the annual meeting in 2010, the IUPAC Executive Committee agreed to provide up to USD 500,000 to support the activities of the International Year of Chemistry (IYC 2011). However, the intent was that as much of this money as possible (preferably all of it) should be recovered from sponsorships. The money was to be used only to cover the costs of cornerstone events, as well as expenditures incurred centrally for the organization and support of the IUPAC IYC program. National programs organized by the NAOs would be fully funded by their own local organizations. IUPAC cornerstone events are the Launch (Paris), the GA, Congress and World Chemistry Leadership Meeting (San Juan), and the Closing (Brussels). At the time of this report, there were no unexpected expenditures or irregularities in the budget for the cornerstone events.

8.4 IYC WEB SITE

Dr. Meyers commented primarily on the usage statistics and not on the content of the IYC 2011 web site. She mentioned that the number of IYC activities registered on the web site continued to grow rapidly and that, by 24 March 2011, 86 countries had posted activities. More than 300 unique events were registered. A lively discussion occurred regarding the fate of the web site at the conclusion of the IYC. It was suggested that it should be kept operational if this could be done without additional maintenance fees; otherwise, it should be preserved as an archive closed to new postings.

9. IUPAC SPONSORSHIP OF THE MALTA CONFERENCES

Prof. Black briefly summarized the decision taken at last year's Bureau meeting in Sofia, Bulgaria, that IUPAC would not sponsor the Malta Conference series beyond Malta V and the reasons for this decision. He mentioned that Malta V is scheduled to take place in December in Paris, after the close of IYC 2011. There was no additional discussion on this topic.

10. FUTURE GENERAL ASSEMBLIES AND CONGRESSES

10.1 46TH GENERAL ASSEMBLY AND 43RD CONGRESS (SAN JUAN, 2011)

10.1.1 Review of Plans for Congress and General Assembly

Prof. Lamba briefly summarized the status of preparations for the Congress in San Juan. At the time of writing of these minutes the expectation was that attendance would be in the range of 2000 persons. It was anticipated that about 1800 abstracts would be submitted for 36 technical symposia under ten different themes. The deadline for submission was also extended by one month to encourage greater participation from authors. In the exhibition area, spaces for 115 booths were already sold and 95 remained available for rental. The early-bird registration deadline for the Congress will be 22 July 2011.

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 or June to review final plans with the organizers for both the Congress and the General Assembly.

10.1.2 World Chemistry Leadership Meeting

Mr. Humphris reported that the scale and focus of WCLM have been altered significantly relative to the original concept. This was due in large part to the lack of positive response from invited international experts to be speakers at this event. The revised concept for WCLM seeks to clarify strategic thoughts and options going forward from the successful groundwork laid during the launch of IYC 2011. He raised the question of what role IUPAC can play to achieve the goals of sustainable development in alignment with current initiatives of the

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United Nations. This is IUPAC's opportunity to "link" into the worldwide community and thereby to become better integrated into today's global society. The new theme is "Accelerating the Contributions of Chemistry to Sustainable Development." The focus will be to activate the chemistry community to make a significant contribution to the Rio+20 conference in 2012 organized by the UN Commission on Sustainable Development.

10.2 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 has selected an organizing committee for this event and preliminary logistics planning has already started. Dr. Renner visited Istanbul in early February after the Launch of the IYC 2011 and reported that at this early stage of preparation, all is progressing smoothly.

10.3 48TH GENERAL ASSEMBLY AND 45TH CONGRESS (SEOUL, 2015)

Dr. Renner reported that there are no significant planning details to report at this time.

11. FINANCIAL MATTERS

11.1 REPORT OF TREASURER

Prof. Corish reported that there were no significant financial issues to report, other than the normal fluctuations in the value of the investment portfolio with changes in global market conditions.

11.2 REPORT OF FINANCE COMMITTEE

Prof. Corish commented that market turmoil continues to have an effect on the value of IUPAC's investment portfolio. The Table below summarizes the recent value of the portfolio through 28 February 2011.

Portfolio Value Summary

<u>Date</u>	<u>USD</u>	<u>EUR(in USD)</u>	<u>Total</u>
31-Dec-06	3,991,233	1,559,961	5,551,194
31-Dec-07	4,192,852	1,668,575	5,861,427
31-Dec-08	2,969,792	1,531,446	4,501,238
31-Dec-09	3,603,516	1,307,702	4,911,218
31-Dec-10	3,465,432	1,248,346	4,713,778
28-Feb-11	3,341,808	1,279,961	4,621,769

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. During the past year, changes in value have largely tracked the general market movement.

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During the last meeting of the Finance Committee (7 February 2011), the portfolio was reviewed in detail. Several mutual funds were identified as underperforming and the recommendation was made to divest one or all of them to free cash for higher-quality investments.

11.3 STATEMENT OF ACCOUNTS FOR 2010

Prof. Corish noted that the Agenda Book contains the audited financial statement for 2009 and 2010, as well as the most recent accountant's report. He reported that the auditors completed their field work in early March 2011 and would issue their final audited report before the end of April 2011. No material issues had arisen during the auditor's field work and their report was not expected to contain any items of concern.

11.4 REVIEW OF BUDGETS FOR 2010-11 AND 2012-13

Prof. Corish reported that the budget for 2010-11, as approved by Council, is included in the Agenda Book for information. No changes are proposed in the approved budget.

Dr. Renner reported that the Executive Director has begun the development of the new biennial budget for 2012-13. A working hypothesis that National Subscriptions for each year of the biennium will increase by 3% has been adopted as a starting point, as was approved at the Finance committee meeting in February. Similar calculations will also be carried out for increases of 3.5% and 4%, in the event that projected expenses exceed the 3% case. Significant increases in costs for publishing PAC have been incurred at the start of 2011. Other increased operating costs for the Secretariat must also be considered in the final budget analysis. A significant factor in setting the new budget is the total amount of revenue needed from annual National Subscription (NS) payments. Calculation of the NS for 2012-13 is in progress concurrently with the new budget development process. The new budget and NS schedule will be ready for presentation to and approval by the Council at the General Assembly in San Juan, Puerto Rico, in August.

11.5 NAO AND ANAO PAYMENT STATUS

As of 31 March 2011, five NAOs were still delinquent in payment of their National Subscriptions for 2010. These were Cuba, Egypt, Korea, Pakistan and Portugal. The total amount in arrears was approximately USD 55,000. The Secretariat continues to be in contact with these NAOs in order to rectify these delinquencies.

As of 31 March 2011, 16 NAOs have paid their National Subscriptions for 2011, the total amounting to approximately USD 282,000.

12. REPORT FROM THE MEMBERSHIP RELATIONS COMMITTEE

Prof. Jin reported that IUPAC must expand its Affiliate Membership Program (AMP) to attract more young chemists. An increase in the total number of NAOs and ANAOs is also desirable and necessary.

Prof. Moreau indicated that current practice recognizes only one official NAO contact, but there should be at least two or three other contacts within the NAOs to ensure that information is being disseminated promptly and effectively when it is sent out from the Secretariat. Prof. Tatsumi supported this recommendation but also suggested that the NAOs themselves have internal problems that sometimes hamper the movement of vital information within their organizations.

13. PUBLICATIONS

13.1 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.

13.2 STATUS REPORT ON *CHEMISTRY INTERNATIONAL*

There was no written report for this item. Detailed information on production costs for *CI* is included in the Agenda Book. Dr. Meyers commented that publication of *CI* continues normally and the Bureau thanked her for her excellent work on this periodical.

13.3 BOOK PUBLICATION AND BOOK SALES

Dr. Renner reported that book sales during the calendar year 2010 were quite low with revenue amounting to only USD 1,353. These sales are not a major contributor to IUPAC's operating cash flow.

14. CURRENT PROJECTS

14.1 REPORT FROM PROJECT COMMITTEE

Prof. Powell commented that during 2010 the Project Committee reviewed and approved 12 projects that sought funding from the Project Reserve. Commitments for these projects totaled USD 55,500 (53% of available funds for the biennium); these were supplemented by commitments of USD 40,700 from the proposing Divisions and Standing Committees and were complemented by a supporting commitment of USD 4,000 from the Strategic Opportunities Fund.

The Project Submission Form and the accompanying Guidelines have been extensively revised. This revision has addressed a number of issues that are strategic to IUPAC and others and will enhance and expedite the work of the

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Divisions, Standing Committees, and the Project Committee. The Project Committee is also undertaking an evaluation and revision of the Application Forms and Guidelines for the FSC-NDC and FSC-SER programs.

The Project Committee met on Friday afternoon, 8 April 2011.

14.2 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.

15. REPORT FROM EVALUATION COMMITTEE

Dr. Kallner stated that several months ago he had asked the Secretariat to distribute a set of revised forms to help streamline the process of project evaluation. These were to be completed by task force chairs for each project and then returned via the Division Presidents. Ultimately the objective was to collect reports of finished projects and to encourage Division leadership to request reports regularly from ongoing projects. Two forms were developed to simplify and standardize the reports. The Evaluation Committee was mainly interested in the final reports in order to assess the value of project results for dollars invested. Initial response was somewhat slow but discussions are ongoing to improve response and to answer outstanding questions concerning the new procedures. Prof. Moreau encouraged the Evaluation Committee to continue their work, saying that the results they provide are important to IUPAC. The Evaluation Committee met on Friday afternoon, 8 April 2011.

16. DISCOVERY AND NAMING OF NEW ELEMENTS

Prof. Corish reported that a report on elements with Atomic Number > 112 was submitted and sent first to the laboratories for their comments on technical accuracy. After this process, the report was revised by the authors and resubmitted. It is currently in the hands of expert referees and, if approved, will be published in *Pure and Applied Chemistry*. That process being completed, if there are any elements to which priority for their discovery is assigned, the laboratories concerned will be asked to propose names. Division II will then be asked to approve the names, as will the Executive Committees of both IUPAC and IUPAP. After this the usual Provisional Recommendation will be issued and the statutory five-month period of public scrutiny observed.

In the opinion of the experts it is now worthwhile to set up a new Joint Working Group (JWG) and IUPAC's Executive Director has had discussions with IUPAP to initiate this process. The Presidents of IUPAC

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and IUPAP will choose the members of the new JWG from panels nominated by both unions.

17. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

Dr. Renner commented that there were no significant changes in the operation of the Fellows program or in the AMP in 2010. The current number of Fellows in our database is 1744. Each new Fellow receives a letter signed by the President indicating his/her new status.

There were 1773 ACS Affiliates and 682 paid Affiliates from other chemical societies in 2010. In addition, there were 43 individual paid Affiliates, 86 Individual Sponsored Affiliates, and 221 Sponsored Affiliates through chemical societies.

18. STATUS REPORT ON IUPAC SECRETARIAT

Dr. Renner stated that former Executive Director, Dr. John Jost, retired as planned from the Secretariat as of 1 September 2010. In the seven months since his departure, the Staff have made a successful transition in leadership from Dr. Jost to Dr. Renner. The current daily work load is extremely high due to the overlap of normal IUPAC activities with the demands of the IYC 2011 and preparations for the biennial General Assembly and Congress.

19. IUPAC WEB SITE RENOVATION

Dr. Renner reported that at the last meeting of CPEP (July 2010) at the Secretariat, the decision was taken to abandon the existing IUPAC web site renovation project. A subcommittee was formed to oversee a new effort, undertaken in conjunction with FIZ-Chemie, to rebuild essentially the entire web site, www.iupac.org. Details of the current project are given in the Agenda Book.

There have been serious discussions about the go-live date for the new site. FIZ-Chemie has estimated that this event will occur by June 2011. At that time there may still be some content that has not been completely transferred, but all active parts of the site will have some content. We should be able to input new content or modify old content readily with immediate real-time results. The final site should be ready sometime in July 2011.

Several Bureau members recommended that IUPAC should investigate the use of the many available Social Networking Tools (e.g., Facebook, Twitter, etc.) to increase our visibility before the general public. Such links could be incorporated into the new web site.

20. IUPAC PRIZES FOR YOUNG SCIENTISTS 2011

Dr. Renner announced that applications for the 2011 prizes have been received from 47 applicants in 19 different NAO countries and the quality of the research presented is very high. The number of applicants for this year represents an increase of 62% over 2010. Members of the Prize Evaluating Committee were currently reviewing the applications.

21. CONFERENCES AND SYMPOSIA

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

Prof. Powell noted that the Project Committee reviews proposals from Divisions and Standing Committees for financial support of conferences in scientifically emerging regions (FSC-SER) and conferences that promote new directions in chemistry (FSC-NDC). The biennial budget for these two conference categories is \$65,000.

In the reporting period, ten applications were received. This is viewed positively as this number represents a significantly higher level of activity than in the previous biennium. Of these applications, six were for FSC-SER (all funded for a total of USD 33,000) and four were for FSC-NDC (one funded for USD 4,000). The Project Committee will reexamine the Guidelines for the FSC-NDC category.

21.2 COMMITTEE ON CHEMICAL RESEARCH FUNDING

Prof. Jin reported that the international pilot call made on 1 October 2009 for four different topics in polymer science has been successfully completed. Twenty eight proposals were received in response to the call and each proposal represented collaboration by three different nations. 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 and managed by Dr. Steven Meyers, who was heartily acknowledged by both Prof. Jin and Prof. Ober for his outstanding work in support of this effort.

21.3 RATIFICATION OF SPONSORSHIP OF SYMPOSIA

Dr. Renner requested that the Bureau approve the conference sponsorships that had successfully passed through the evaluation and acceptance process since the meeting of the Executive Committee in Taipei, Taiwan (October 2010), as listed in the Agenda Book. Dr. Renner moved that the list of sponsored conferences be ratified by the Bureau and the motion was seconded by Prof. Reichmanis. The motion passed unanimously without additional discussion.

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22. DATES AND PLACE OF NEXT BUREAU MEETING

Several candidate locations for the next Bureau meeting in 2012 have been identified. These are Serbia, Austria, Portugal, the Netherlands and Jordan. The Secretariat will contact the NAO representatives to determine willingness to host this annual meeting. Target dates are mid- to late-April 2012.

23. ANY OTHER BUSINESS

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