

International Union of Pure and Applied Chemistry

143rd MEETING OF EXECUTIVE COMMITTEE

Taipei, Taiwan, 2-3 October 2010

MINUTES

1.	INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA.....	1
2.	MINUTES OF 141ST AND 142ND MEETINGS OF EXECUTIVE COMMITTEE	1
3.	ACTION ITEMS FROM PREVIOUS MEETINGS	1
4.	INTERNATIONAL YEAR OF CHEMISTRY 2011	1
4.1	PLANNING FOR CORNERSTONE EVENTS.....	1
4.2	UNIFYING EVENTS	2
4.3	FUND RAISING.....	2
4.4	IYC WEB SITE.....	3
5.	STATUS REPORT ON 46TH GENERAL ASSEMBLY AND 43RD CONGRESS, SAN JUAN	3
6.	UPDATE ON INCHI TRUST ACTIVITIES	3
7.	MEMBER RELATIONS COMMITTEE.....	3
8.	MALTA CONFERENCES UPDATE.....	4
9.	ETHICS IN PUBLICATION.....	4
10.	PROJECTS: SUMMARY OF CURRENT STATUS: COMMITMENTS, EXPENDITURES, AND UNDER REVIEW	4
11.	FINANCE AND BUDGETS.....	4
11.1	AUDITED FINANCIAL STATEMENT FOR 2009	4
11.2	REVIEW OF BUDGET FOR 2010-11	5
11.3	PERFORMANCE OF INVESTMENT PORTFOLIO	5
11.4	NAOS IN ARREARS	5
12.	FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS	6
13.	STATUS REPORT ON IUPAC SECRETARIAT	6
14.	PUBLICATIONS	6
14.1	STATUS REPORT <i>CHEMISTRY INTERNATIONAL</i>	6
14.2	STATUS REPORT <i>PURE AND APPLIED CHEMISTRY</i>	7
14.3	BOOK PUBLICATION AND BOOK SALES	7
15.	IUPAC WEB SITE	8
16.	RATIFICATION OF SPONSORSHIP OF SYMPOSIA.....	8
17.	DATES AND PLACE OF NEXT BUREAU MEETING	9
18.	DATES AND PLACE OF NEXT EXECUTIVE COMMITTEE MEETING.....	9
19.	ANY OTHER BUSINESS.....	9
20.	SCHEDULE OF OFFICER REPRESENTATION AT IMPORTANT SCIENTIFIC MEETINGS	9

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MINUTES

Attendees: Prof. N. J. Moreau, Chair, Prof. D. StC. Black, Prof. J. Corish,
Prof. J.-I. Jin, Dr. A. Kallner, Prof. E. Reichmanis, Prof. K. Tatsumi
Absent: Prof. N. Tarasova
Guest: Dr. F. Meyers
Secretary: Dr. T. A. Renner, Executive Director

1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Prof. Moreau welcomed the Committee to Taipei and expressed her gratitude to the Chemical Society Located in Taipei for their kind and generous hospitality. She noted that Prof. Tarasova was unable to join the Committee because of illness.

Prof. Jin noted that there was an additional item to be discussed under Item 19, Any Other Business. This matter concerned changes to the election process for officers and members of Divisions and Standing Committees.

There were no other changes to the Agenda and the Agenda was approved as revised.

2. MINUTES OF 141ST AND 142ND MEETINGS OF EXECUTIVE COMMITTEE

No new matters arising from the minutes of the two previous Executive Committee meetings (Concepción and Sofia) were introduced.

3. ACTION ITEMS FROM PREVIOUS MEETINGS

The Committee reviewed the list of Action items and noted recent developments.

Action Item 1 regarding the frequency of publication in *PAC* by Nobel Laureates was judged to be not critical and will continue to be monitored.

Action Item 2 regarding the development of a written description of the minimum responsibilities of a Division President had no reported progress.

Action Item 3 requires development of a new Questionnaire for IUPAC Conference Sponsorship Approval. Dr. Meyers, Dr. Renner, and Mr. LeClair will pursue this task, initiated originally by Dr. Jost.

Action Item 4 directs CPEP to study the marketing of IUPAC books by the Royal Society of Chemistry. This item was judged to be within the purview of CPEP alone and will be removed from the list of Executive Committee tasks.

4. INTERNATIONAL YEAR OF CHEMISTRY 2011

4.1 PLANNING FOR CORNERSTONE EVENTS

Prof. Moreau commented that several organizational issues remain to be solved with regard to the geographical distribution and the scope of topics for invited plenary speakers at the Launch Ceremony in January 2011. She asked for suggestions for more people to be invited to attend the Launch, especially those from non- or under-represented chemical societies and organizations. She also mentioned that IUPAC will sponsor a booth at the Launch Ceremony, similar to

Minutes

the one planned for the Pacifichem conference to be held in December 2010. It was remarked by several EC members that the Pacifichem booth would have a much better chance of making IYC visible to a larger audience than a reception or other planned social activities. Dr. Kallner suggested that we ask non-IUPAC-sponsored international conferences to use the IYC logo on their conference advertising brochures and web sites. IUPAC-sponsored conferences should all routinely use the IYC logo on advertising materials.

There was nothing new to report regarding the Closing Ceremony. Preparations are advancing as planned. More details are expected from Dr. Paul Baekelmans during a meeting of the IYC Management Committee at RTP during early November 2010.

Speakers for the World Chemistry Leadership Meeting (WCLM), to be held during the GA/Congress in San Juan, Puerto Rico, are still undetermined. Mr. Colin Humphris and his WCLM committee members are targeting high-level speakers globally as potential participants in the plenary session scheduled for 2 August 2011.

4.2 UNIFYING EVENTS

Worldwide interest in the activity Women Sharing a Chemical Moment in Time has been strong and continues to grow, as evidenced by postings of individual planned events on the IYC web site.

Several countries have announced plans to produce and distribute postage stamps with IYC-related themes. Many of these will incorporate the IYC logo in the design. Many countries involved in this activity have posted descriptions of their plans on the IYC web site.

The Global Water Experiment continues in its planning stage. Additional progress has been made as a result of a recent meeting of a CCE Subcommittee in Taipei. Budgetary concerns for this IYC activity are real, particularly with respect to the costs of a dedicated web site, water testing kits, and a dedicated person to manage all of the work tasks. A budget between USD 150K and USD 235K is estimated without the cost of the test kits. The organizing committee is looking for industrial sponsorship to pay for the cost of the kits. Prof. Black commented that no unplanned or unapproved costs would be incurred for this activity.

4.3 FUND RAISING

Prof. Corish and Dr. Renner indicated that the campaign to solicit IYC sponsorships via mail had been largely unsuccessful to date, even though it had been started in the first quarter of 2010. Prof. Jin commented that a successful campaign would require personal contacts at the highest levels of the companies approached. He recommended that those active members of IUPAC who have such contacts should immediately take action to help with the fund-raising.

Negotiations with a large global chemical company are currently in progress with a target of Global Partner at the USD 250K support level.

143rd MEETING OF EXECUTIVE COMMITTEE

Minutes

Prof. Moreau stated that IYC sponsors need to understand exactly what they are getting for their contributions. Without concrete objectives for their donations, they are not likely to give anything. Prof. Jin suggested the names of several Korean companies with whom he has significant contacts and to whom solicitations should be directed.

4.4 IYC WEB SITE

Dr. Meyers stated that traffic on the IYC web site has been very high. It actually tripled in the last few months. Individuals from 150 countries contributed to this traffic. At the time of this meeting, registered membership was approximately 2000 persons.

The student intern employed during the summer of 2010 completed significant web site maintenance activities.

5. STATUS REPORT ON 46TH GENERAL ASSEMBLY AND 43RD CONGRESS, SAN JUAN

Dr. Renner reported that preparations for the General Assembly and Congress in San Juan, Puerto Rico, are progressing steadily. Currently the major activities are negotiations with the Convention Center/Hotel to secure sufficient rooms for all of the individual GA meetings. The local organizers are finalizing the technical program for more than 30 symposia.

6. UPDATE ON INCHI TRUST ACTIVITIES

Dr. Renner stated that he had attended both InChI Trust Board meetings and the Annual General Meeting in 2010 as IUPAC's official representative. The rate of new membership in InChI is not as great as had been anticipated. Budgets for the next two calendar years indicate that the organization can survive financially, but not indefinitely with the current membership makeup. Dr. Renner also related that the InChI Board had requested that IUPAC fund half of the costs of trademark registration for InChI, with rights reverting to IUPAC if the Trust should become insolvent. The EC agreed to this proposal and authorized a maximum expenditure of USD 4,000 for this purpose, subject to the insolvency condition.

7. MEMBER RELATIONS COMMITTEE

Prof. Jin discussed several member relations issues. First, he commented that Indonesia is the newest ANAO. Secondly, he suggested that Colombia and the Philippines could be invited to join IUPAC, probably as ANAOs. He has made personal contact with Vietnam in an effort to have them rejoin IUPAC. Prof. Black mentioned Singapore as a candidate for membership. He acknowledged that although Saudi Arabia was admitted as a NAO at Glasgow, they have yet to pay their annual national subscription. This situation is largely due to internal problems concerning who will actually represent the country and to a change of leadership within their chemical society. He also recommended that a letter be sent to ANAOs encouraging them to become NAOs. This has already been done at various times for the four existing ANAOs.

Minutes

Prof. Jin asserted that IUPAC should be proactive in establishing a Young Chemists Network. IUPAC has been cooperating with an initiative originated in Austria to establish such a network but no formal group has yet been formed. Prof. Black suggested that the Affiliate Membership Program be used as a vehicle for putting young chemists into contact with each other for networking. He also stated that every IUPAC-sponsored conference should have a young chemists' section which will also foster networking opportunities.

8. MALTA CONFERENCES UPDATE

The EC was asked to reaffirm the decision of the Bureau, taken at the meeting in Sofia, Bulgaria, in April 2010, that IUPAC would sponsor the 2011 UNESCO-backed Malta V Conference in Paris without funding. Furthermore, after this conference, IUPAC would no longer sponsor this series of conferences. The EC unanimously reaffirmed the decision of the Bureau. IUPAC has been asked by the Malta V organizing committee to accept contributions on behalf of the conference and then to distribute funds to pay costs incurred for the conference. Since IUPAC holds 501(c)(3) tax-free status with the U.S. Internal Revenue Service as a non-profit, non-governmental, charitable entity, the question was raised as to whether or not IUPAC's involvement with the contribution/funding aspects of Malta V could possibly jeopardize its tax-free status. It was agreed that Dr. Renner would seek input from IUPAC's accounting/auditing advisors to answer this question as soon as possible. Overall, the EC recommends a complete break with respect to any sponsorship activities for the Malta Conferences.

9. ETHICS IN PUBLICATION

An e-mail poll of key publishers proposed by Prof. Black has been initiated to assess receptiveness to a proposal to discuss the Development of International Standards for Editors, Authors and Reviewers of Chemical Publications. The Secretariat is compiling responses. If the response is positive, a forum could be arranged during the General Assembly in San Juan, Puerto Rico.

10. PROJECTS: SUMMARY OF CURRENT STATUS: COMMITMENTS, EXPENDITURES, AND UNDER REVIEW

Dr. Renner noted that the three reports routinely provided to Division Presidents, Standing Committee Chairs, Task Group Chairs, and the IUPAC officers were included in the Agenda Book for the information of the Executive Committee. There were currently no unusual or notable items to mention with respect to the project reporting system.

11. FINANCE AND BUDGETS**11.1 AUDITED FINANCIAL STATEMENT FOR 2009**

Prof. Corish noted that the Agenda Book contains the audited financial statement for 2009. There was no discussion of this item.

143rd MEETING OF EXECUTIVE COMMITTEE

Minutes

11.2 REVIEW OF BUDGET FOR 2010-11

Dr. Renner noted that the approved budget for 2010-11 was USD 3 029 300, income and expense, with small increases in most expense categories. The approved Total National Subscription represented an annual increase of 3% from that for 2008-9. The most recent Management Report from our accountant was included in the Agenda Book. Dr. Renner noted that, other than extraordinary expenses associated with funding IYC 2011 activities, there were no significant unplanned expenses during the current budget cycle.

11.3 PERFORMANCE OF INVESTMENT PORTFOLIO

Prof. Corish and Dr. Renner reported that, despite the current very difficult worldwide financial climate, IUPAC held the values of its income streams during the past biennium and has maintained its full range of activities. This was despite a diminution in the overall value of its portfolio, the income of which consists of both dividends and interest and gains and losses on the values of the investments. They emphasized that the need still very much exists for IUPAC to diversify and increase its income streams to provide for its future activities.

The table below summarizes the recent value of the portfolio.

Portfolio Value Summary

Date	USD	EUR (in USD)	Total
31-Dec-06	3,991,233	1,559,961	5,551,193
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-Aug-10	3,213,456	1,204,409	4,417,865

The year-to-date change in value of the portfolio is -10%, which has largely tracked overall market fluctuations. The above includes use of the cash from a maturing bond for operating expenses. Professor Corish and Dr. Renner conducted a complete portfolio review on 22 September 2010 with our Wachovia investment advisor. From this discussion several options for improving portfolio performance and locking in current real gains were identified. This matter will be an agenda item for the 2011 annual meeting of the Finance Committee.

11.4 NAOs IN ARREARS

Dr. Renner reported that two NAOs are seriously in arrears, Cuba and Greece. Cuba is delinquent since 2008 and Greece since 2009. Earlier in 2010, Bulgaria, Spain, and Saudi Arabia sent letters to the Secretariat indicating that they would not be able to make full payment of their National Subscriptions for 2010. Since that time, Bulgaria has paid in full and Spain has sent another letter indicating that they will pay their full subscription shortly. Saudi Arabia

Minutes

requested a reduction in their subscription and was informed that this was not possible to do. There has been a recent reorganization in the Saudi Chemical Society and they have not yet responded to the warning letter. No other NAOs have reported problems with meeting their 2010 National Subscription obligations

12. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

Dr. Renner stated that the Agenda Book contains an updated financial summary for the AMP and *CI*.

There were no significant changes in the operation of the Fellows program, but the AMP showed moderate declines in all categories but one for 2009-2010. The current number of Fellows in our database is 1579. Each new Fellow receives a letter signed by the President informing him/her of his/her new status.

As of the writing of this Agenda, we do not yet have an updated number for ACS Affiliates for this year. There are currently 673 paid Affiliates from other chemical societies in 2010. In addition there are 41 individual paid Affiliates, 66 individual sponsored Affiliates, and 212 sponsored Affiliates through chemical societies. Only the individual paid Affiliates category showed an increase over the previous year.

Prof. Jin suggested that lifetime AMP status should be evaluated as a possibility for affiliate members. Prof. Black stated that such a proposal could be promoted on the IYC web site and in *CI*. Dr. Kallner also recommended that such a plan should be presented at sponsored conferences.

13. STATUS REPORT ON IUPAC SECRETARIAT

Dr. Renner affirmed that Dr. John Jost has officially retired as Executive Director of IUPAC, effective 31 August 2010. The new Executive Director has met with the Secretariat staff jointly and individually to alert them to expectations for personal performance and to inform them of plans to institute new operational procedures to improve efficiency and communications. In particular, a new performance review system, based on formal job descriptions, setting of well-defined goals with realistic measurable deliverables, and a continuous performance review process were described.

14. PUBLICATIONS

14.1 STATUS REPORT *CHEMISTRY INTERNATIONAL*

Dr. Meyers stated that there were no significant issues to report regarding the operation of *Chemistry International*. Financial and production information for *CI* were referenced in Agenda Item 12 above. Dr Meyers was congratulated by all for her continued excellent efforts in the production of *CI*.

Prof. Jin recommended that the scope of the content of *CI* be expanded.

143rd MEETING OF EXECUTIVE COMMITTEE

Minutes

14.2 STATUS REPORT *PURE AND APPLIED CHEMISTRY*

Dr. Renner reported that the Agenda book contains an updated financial summary for *PAC*. *PAC* continues to be a significant source of income for IUPAC despite the continued decrease of institutional subscribers. The *PAC* web site has had a number of significant improvements over the past year. Two highly visible items are the availability of the complete *PAC* archive online and the compilation of a complete index to IUPAC sponsored conference series. Also of interest is a page compiling all the Nobel Laureates who have published in *PAC*. Online access via IP address verification has been implemented and made available to subscribers. Immediate online publication, ASAP, for *PAC* has also been implemented. This entailed a significant work flow change for all of those involved in preparing *PAC* for publication. Currently articles are published online 4-5 weeks in advance of print publication, usually earlier in the case of Technical Reports and Recommendations.

Due to the steady decline in institutional subscribers to *PAC* and the increasing preference for electronic access rather than hardcopy subscriptions, the EC asked that CPEP advise when it might be desirable to go to a 100% electronic on-line subscription format.

14.3 BOOK PUBLICATION AND BOOK SALES

IUPAC Books – Life-to-Date Sales and Royalties through 31 December 2009

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</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

Minutes

Dr. Kallner asked that ICTNS resolve inconsistencies between the Gold Book and VIM. He also inquired about the current status of Gold Book updates. Dr Meyers replied that nothing has happened since Mila Nič left and Beda Kosata retired. Prof. Jin added that ICTNS should review terms from the Color Books so that they can be included in the revised Gold Book. Updates of all Color Books are needed on a regular basis by ICTNS.

15. IUPAC WEB SITE

Problems continue to plague the update process for the IUPAC web site. At the recent meeting of CPEP held at the Secretariat in July, the question was raised whether or not a web oversight group should be established to try to resolve the outstanding issues permanently. Thus, a web steering subcommittee of CPEP was established and the composition was set to be two CPEP members, two IUPAC Secretariat members, and one Division President plus an alternate.

René Deplanque and David Martinsen were selected to represent CPEP and Terry Renner and Fabienne Meyers were selected to represent the IUPAC Secretariat.

It was decided that the subcommittee should be under the auspices of the committee that established it and that the subcommittee should exist as long as needed. It was also agreed that the day-to-day responsibility for web activities, for project oversight, and for answering developer questions is a staff deployment issue to be decided upon by the Executive Director, Terry Renner. CPEP believes that this responsibility needs to be an integral part of someone's job description.

Prof. Black commented that one web site must be in place by the end of 2010. This was the first objective recommended by the EC. Both Prof. Moreau and Prof. Corish stated that the functionality of the web site is currently more important than how beautiful it appears. Prof. Jin asked how long the web site project is expected to last. Dr. Renner replied that it should be completed during 2011. Dr. Kallner indicated that a written specification for the web site update should be produced. Prof. Black said that all aspects of this web site project should be coordinated through the Executive Director at the Secretariat. He also pointed out that direct involvement of FIZ-Chemie to lead the technical role will be critical to success. Dr. Meyers commented that an assessment of what should be included on the new web site needs to be done. Prof. Reichmanis suggested that IUPAC might need to spend some money to get the best result. This means that it might be desirable to have the assessment conducted by an outside consultant. Prof. Black added that it is not certain that we really need outside technical help beyond what FIZ-Chemie can provide.

16. RATIFICATION OF SPONSORSHIP OF SYMPOSIA

Dr. Renner noted that the Executive Committee was asked to ratify the sponsorships approved since the meeting of the Bureau at Sofia, as listed in the Agenda Book. A motion to ratify the sponsorships as requested was made and seconded. The motion was approved unanimously.

143rd MEETING OF EXECUTIVE COMMITTEE

Minutes

17. DATES AND PLACE OF NEXT BUREAU MEETING

Dr. Renner informed the Bureau that it will meet on 8-10 April 2011 in Warsaw, Poland; the date has been confirmed by the Polish Academy of Sciences. The venue will be the Staszic Palace.

The usual schedule of meetings will take place:

Friday (8 April):	DP/STCC Meeting (AM) Project Committee (PM) Evaluation Committee (PM)
Saturday (9 April):	Bureau (AM and PM)
Sunday (10 April):	Bureau (AM)

18. DATES AND PLACE OF NEXT EXECUTIVE COMMITTEE MEETING

Dr. Renner said that the next meeting of the Executive Committee will take place in Addis Ababa, Ethiopia, in October 2011. Precise dates and other details have not yet been fixed. Likely dates would be the first or second weekends of October.

Prof. Jin suggested that a formal letter to Prof. Yonas Chebude confirming IUPAC's intent to have the next EC meeting in Ethiopia should be written. Dr. Renner will address this matter.

Prof. Tatsumi mentioned that Brazil would like host either a Bureau or an EC meeting, perhaps in 2012. Dr. Renner will contact the Brazilian Chemical Society to explore this possibility further.

19. ANY OTHER BUSINESS

Prof. Moreau took the lead on election issues and proposed that members of Division committees be elected for 2-year terms. This would also apply to CHEMRAWN, COCI and CCE. Members of Standing Committees would also be elected rather than appointed by the Standing Committee Chairs, subject to approval of the President.

Prof. Jin commented on the success of the International Polymer Call and especially praised the efforts of Dr. Steve Meyers in managing the entire process from start to finish.

20. SCHEDULE OF OFFICER REPRESENTATION AT IMPORTANT SCIENTIFIC MEETINGS

Dr. Renner will issue an updated schedule for IUPAC officers early in the new year.