

International Union of Pure and Applied Chemistry

87th MEETING OF BUREAU

Bratislava, Slovakia, 18-19 April 2009

MINUTES

1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA	1
2. MINUTES OF 86TH MEETING OF BUREAU.....	1
2.1 MATTERS ARISING FROM MINUTES (NOT COVERED BY ITEMS ON AGENDA)	1
3. MINUTES OF 137TH MEETING OF EXECUTIVE COMMITTEE	1
3.1 RECEIPT OF MINUTES BY BUREAU.....	1
3.2 HIGHLIGHTS AND QUESTIONS ABOUT ITEMS NOT ON BUREAU AGENDA	1
4. ACTION ITEMS FROM PREVIOUS MEETINGS	1
5. VICE PRESIDENT'S CRITICAL ASSESSMENT.....	2
6. RECEIPT OF PROGRESS REPORTS FROM DIVISIONS AND STANDING COMMITTEES.....	2
7. APPROVAL OF APPOINTMENTS OF DIVISION COMMITTEE MEMBERS	2
8. MEMBERSHIP OF STANDING COMMITTEES	2
9. ITEMS FROM MEETING OF DIVISION PRESIDENTS.....	2
10. INTERNATIONAL YEAR OF CHEMISTRY	3
10.1 DESIGNATION BY THE UNITED NATIONS	3
10.2 MEETINGS WITH CHEMICAL SOCIETIES	3
10.3 UN CONTACTS.....	3
10.4 ACS CONTACTS/PROF. HENRY	3
10.5 MANAGEMENT AND PLANNING.....	3
11. ITEMS FROM THE COUNCIL AGENDA.....	4
12. IUPAC SPONSORSHIP OF THE MALTA CONFERENCES	4
13. COMMITTEE ON CHEMISTRY RESEARCH FUNDING	4
14. IUPAC COOPERATION WITH THE INTERNATIONAL CHEMISTRY OLYMPIAD	4
15. IUPAC PARTICIPATION IN THE INTERNATIONAL CONFERENCE ON CHEMICALS MANAGEMENT 2.....	5
16. FUTURE GENERAL ASSEMBLIES AND CONGRESSES	5
16.1 45 TH GENERAL ASSEMBLY AND 42 ND CONGRESS (GLASGOW, 2009)	5

**Bureau Minutes
Bratislava, 2009**

16.1.1	Review of plans for Congress and General Assembly	5
16.1.2	World Chemistry Leadership Meeting	6
16.1.3	Round Table Discussion Items	6
16.2	46 TH GENERAL ASSEMBLY AND 43 RD CONGRESS (SAN JUAN, 2011).....	6
16.3	47 TH GENERAL ASSEMBLY AND 44 TH CONGRESS (2013).....	6
16.4	48 TH GENERAL ASSEMBLY AND 45 TH CONGRESS (2015).....	7
17.	FINANCIAL MATTERS	7
17.1	REPORT OF TREASURER	7
17.2	REPORT OF FINANCE COMMITTEE	7
17.3	STATEMENT OF ACCOUNTS FOR 2008	8
17.4	REVIEW OF BUDGETS FOR 2008-9	8
17.5	PROPOSED BUDGET FOR 2010-11	8
17.6	NAO AND ANAO PAYMENT STATUS.....	9
18.	REPORT FROM THE MEMBERSHIP RELATIONS COMMITTEE	9
19.	APPLICATIONS FOR NATIONAL ADHERING ORGANIZATION STATUS	
	
	9
19.1	INSTITUTE OF CHEMISTRY CEYLON	10
19.2	INSTITUT KIMIA MALAYSIAN	10
19.3	ACADEMY OF SCIENCE OF MOLDOVA	10
19.4	SAUDI CHEMICAL SOCIETY.....	10
19.5	CHEMICAL SOCIETY OF THAILAND	10
19.6	SOCIÉTÉ CHIMIQUE DE TUNISIE	10
20.	PUBLICATIONS	10
20.1	STATUS REPORT ON <i>PURE AND APPLIED CHEMISTRY</i>	10
20.2	STATUS REPORT ON <i>CHEMISTRY INTERNATIONAL</i>	10
20.3	BOOK PUBLICATION AND BOOK SALES	10
21.	ADHERENCE TO IUPAC STANDARDS IN IUPAC SPONSORED BOOKS	11
22.	CURRENT PROJECTS.....	11
22.1	REPORT FROM PROJECT COMMITTEE	11
22.2	PROJECT COMMITMENTS AND EXPENSE, PROJECT APPROVALS.....	12
23.	REPORT FROM EVALUATION COMMITTEE.....	12
24.	DISCOVERY AND NAMING OF NEW ELEMENTS	12
25.	FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS	13
26.	STATUS REPORT ON IUPAC SECRETARIAT.....	13
27.	SEARCH FOR A NEW EXECUTIVE DIRECTOR.....	13

**Bureau Minutes
Bratislava, 2009**

28. IUPAC WEB SITE AND OTHER PUBLICITY ABOUT THE UNION	14
28.1 WEB SITE.....	14
28.2 NEW BROCHURE	14
29. IUPAC PRIZES FOR YOUNG SCIENTISTS 2009	14
30. CONFERENCES AND SYMPOSIA.....	15
30.1 SUPPORT FOR CONFERENCES IN SCIENTIFICALLY EMERGING REGIONS AND CONFERENCES ON NEW DIRECTIONS IN CHEMISTRY	15
30.2 RATIFICATION OF SPONSORSHIP OF SYMPOSIA	15
31. PROPOSED CHANGE IN THE NAME OF SUBCOMMITTEE ON NOMENCLATURE, PROPERTIES AND UNITS IN LABORATORY MEDICINE.....	15
32. DATES AND PLACE OF NEXT BUREAU MEETING	15
33. ANY OTHER BUSINESS	16

International Union of Pure and Applied Chemistry

87th MEETING OF BUREAU

Bratislava, Slovakia, 18-19 April 2009

MINUTES

Attendees: Prof. J-I. Jin, Chair, Prof. C. Bai, Prof. D. StC. Black, Dr. M. C. Cesa, Prof. S. Chandrasekaran, Prof. J. Corish, Dr. A. Fajgelj, Prof. B. R. Henry, Prof. R. S. Lamba, Dr. A. Kallner, Prof. W. Klein, Prof. P. G. Mahaffy, Dr. G. P. Moss, Prof. N. J. Moreau, Prof. C. K. Ober, Prof. S. Penczek, Prof. E. Reichmanis, Prof. M. J. Rossi, Prof. N. Senesi, Dr. A. Smith, Prof. L. K. Sydnes, Prof. N. P. Tarasova, Prof. K. Tatsumi, Prof. D. M. Templeton, Prof. P. R. Tundo, Prof. M. C. E. van Dam-Mieras

Guests: Dr. J. M. Malin, Dr. F. Meyers, Prof. H. K. J. Powell, Prof. R. D. Weir

Secretary: Dr. J. W. Jost, Executive Director

1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Prof. Jin welcomed the members of the Bureau to the meeting and thanked the Slovak Chemical Society. He asked if there were any changes or additions to the Agenda. Dr. Moss reported that he wished to inform the Bureau of some recent developments from ICANN, the organization responsible for internet domain names. Prof. Jin decided that this subject could be discussed as part of Item 33, Any Other Business. There were no other changes to the Agenda.

2. MINUTES OF 86TH MEETING OF BUREAU

Prof. Jin noted that the Minutes of the 86th Bureau meeting 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 137TH MEETING OF EXECUTIVE COMMITTEE

3.1 RECEIPT OF MINUTES BY BUREAU

Prof. Jin noted that the Minutes of the 137th 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

Dr. Jost 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. Moreau reviewed the draft of her critical assessment and asked that the members of the Bureau send their comments to her after the meeting. She noted that she also intended to include some comments on the outcomes of the proposals generated by the Council Roundtables at Torino. She also noted the need to devise a mechanism to encourage the participation of more policy makers and chemists from industry in IUPAC Task Groups.

6. RECEIPT OF PROGRESS REPORTS FROM DIVISIONS AND STANDING COMMITTEES

The reports from the Divisions and Standing Committees were taken as read. Dr. Moss reported that a number of publishers led by the Royal Society of Chemistry, had decided to form an InChI Trust to support the further development of the InChI standard and algorithm that embodies the standard. The InChI Subcommittee in Division VIII would act as a scientific advisory group for the Trust. Dr. Moss was asked to keep the Officers informed regarding further developments. Concern was expressed by some members that the InChI standard was being removed from IUPAC's control. It was noted that as the InChI algorithm was an open source program it was not possible to prevent others from using it and developing it as long as they acted in agreement with the open source license.

7. APPROVAL OF APPOINTMENTS OF DIVISION COMMITTEE MEMBERS

The Bureau recommended the proposed membership of the Division Committees for approval by Council. The request for an exception for the appointment of Prof. M. Iqbal Bhangar of Pakistan to a third two-year term as National Representative on the Division VI Committee was approved.

8. MEMBERSHIP OF STANDING COMMITTEES

The proposed membership of the Standing Committees was presented for information. The President will make the proposed appointments.

9. ITEMS FROM MEETING OF DIVISION PRESIDENTS

Dr. Moss presented a summary of the meeting of Division Presidents and Standing Committee Chairs held on Friday morning, 17 April. The group asked that the Secretariat revise the instructions for the Nominating Committees to clarify their role. It was decided that Divisions should approve the text of books that were the result of IUPAC projects. The use of Manuscript Central to facilitate this process was encouraged. Dr. Jost had presented a review of the IUPAC Discussion Board to encourage their use as a tool for communication by the Divisions and Standing Committees. This review had clarified a number of issues for the Division Presidents and Standing Committee Chairs regarding possible uses for the Forums on the Discussion Boards, especially some technical issues

regarding membership and access. The US National Committee was arranging a meeting of IUPAC Division Presidents and Standing Committee Chairs with their corresponding American Chemical Society Section Committee Chairs during the ACS meeting in August. Prof. Powell had reviewed the Project Approval process to clarify the role of the Project Committee.

10. INTERNATIONAL YEAR OF CHEMISTRY

10.1 DESIGNATION BY THE UNITED NATIONS

Prof. Mahaffy reported that the Ethiopian Chemical Society had worked with their UN delegation to have the United Nations proclaim 2011 as the International Year of Chemistry. He noted that The Agenda Book contains various background documents, including the resolution approved by the United Nations. The UN resolution had 35 sponsors. Prof. Mahaffy noted that the UN Resolution had been brought forward under the Sustainable Development agenda.

Prof. Van Dam-Mieras commented that the Regional Centres for Sustainable Development could be an important resource, especially for developing countries.

10.2 MEETINGS WITH CHEMICAL SOCIETIES

Prof. Jin reported that he had met with the presidents and other representatives of chemical societies in Asia, Africa, North America, and Europe. The reports from these meetings were taken as read. There was no additional discussion.

10.3 UN CONTACTS

Prof. Jin reported that he had met with the Secretary General of the United Nations and other members of the United Nations staff in February. He was encouraged by these meetings to invite the UN Secretary General, Mr. Ban-Ki Moon to give a plenary address at the 2011 Congress.

10.4 ACS CONTACTS/PROF. HENRY

Prof. Henry noted that the relevant correspondence with the ACS was in the Agenda Book. He also noted that meetings of IUPAC Officers and ACS officers had been held in August 2008 and March 2009. Prof. Henry reported that the ACS had decided to repurpose as many events as possible during 2011 to be part of the celebration of the International Year of Chemistry.

10.5 MANAGEMENT AND PLANNING

Dr. Malin reported that the IYC Management Committee met on Thursday 16 April. The prospectus for the IYC was included under Item 10.1. He pointed out that the Agenda Book contains a report on the development of the IYC web site. The meeting of the Management Committee had covered a large number of issues, such as planning for the cornerstone events,

discussion of possible unifying events, money raising, and membership of subcommittees to carry out the work of the Committee.

Dr. Fajgelj suggested that the IUPAC representatives on other organizations be asked to inform them of the plans for the IYC. Prof. Senesi commented that for some organizations more than one contact would be necessary.

11. ITEMS FROM THE COUNCIL AGENDA

Prof. Black noted that the Council Agenda is in the Agenda book. The Agenda book also has a summary of the situation with regard to the elections for IUPAC Office, including the nominations received to date. He commented that no nominations for Vice President had yet been received while four nominations for the Bureau had been received. He reminded the members of the Bureau who were eligible for another term that it was necessary for their NAOs to nominate them, as renomination was not automatic. The only major item on the Council Agenda not covered elsewhere in the Bureau Agenda is Item 11: Report of Committee on Revision of Statutes and Bylaws. No proposed changes in the proposed revised Statutes and Bylaws were received from the NAOs. One other item of interest is Item 18 the applications of the International Chemistry Olympiad and the Federation of African Societies of Chemistry for Associated Organization status.

12. IUPAC SPONSORSHIP OF THE MALTA CONFERENCES

Prof. Henry reported that a meeting of the Malta Organizing Committee had been held in March during the ACS meeting in Salt Lake City; an earlier meeting had been held during the ACS meeting in Philadelphia in August 2008. He noted that he and Prof. Sydnes represented IUPAC at the meeting in Salt Lake City. The Prospectus for the Malta IV Conference was in the Agenda Book. Prof. Sydnes reported that one IUPAC project application had resulted from Malta III. Dr. Jost reported that the US State Department had proposed that IUPAC help to organize Workshops at Malta IV on the control of Chemical and Biological Weapons.

13. COMMITTEE ON CHEMISTRY RESEARCH FUNDING

Prof. Henry reviewed the history of the Committee from its beginnings as a Project Task Group to its current status as a Bureau Committee. The purpose of the Committee is promote communication among the agencies that fund chemical research and promote the use of standard tools by the different agencies. The Committee has undertaken to develop an international call for projects in the polymer research area as a pilot program on joint funding of research projects by national funding bodies.

14. IUPAC COOPERATION WITH THE INTERNATIONAL CHEMISTRY OLYMPIAD

Prof. Black reported that IUPAC is developing closer links with the IChO. In addition to USD 10 000 donated each year to support attendances of students, IUPAC Presidential Prizes will be awarded from 2010. He noted that IUPAC is

also prepared to assist the IChO in some practical organizational matters, but does not wish to be involved as a formal member of the organizational group.

15. IUPAC PARTICIPATION IN THE INTERNATIONAL CONFERENCE ON CHEMICALS MANAGEMENT 2

Dr. Cesa reported that IUPAC, in cooperation with the Society of Environmental Toxicology and Chemistry (SETAC), has proposed the organization of a conference on scientific developments relevant to the Strategic Approach to International Chemicals Management (SAICM) as adopted by the Dubai Conference. The Agenda book contained the text of the proposal. This proposal will be presented at the second International Conference on Chemicals Management to be held in Geneva in May. Dr. Cesa noted that at ICCM2 IUPAC and SETAC plan to hold side events that highlight our scientific and capacity-building capabilities; information on these events was also in the agenda book.

There was a general discussion of the slow pace of this proposed project. The comment was made that there seemed to be more meetings about meetings than useful activity. The value of the precedent of the relationship with OPCW was questioned, considering the OPCW still owed us money. It was commented that the slow pace of the project is dictated by UN procedures, while the lesson learned from the relationship with the OPCW was that funding commitments had to be obtained well in advance or the conference would have to be cancelled. The consensus was that if we want to influence the outcome we must participate.

16. FUTURE GENERAL ASSEMBLIES AND CONGRESSES

16.1 45TH GENERAL ASSEMBLY AND 42ND CONGRESS (GLASGOW, 2009)

16.1.1 Review of plans for Congress and General Assembly

Dr. Jost noted that as a result of the decision made by the Bureau at Torino to change the schedule of Bureau and Executive Committee meetings, the General Assembly schedule needed to be adjusted. While considering the revised GA schedule, the officers decided to make a number of other changes to improve the functioning of the GA. The schedule for the main meetings is given below. The Congress opening will be on Sunday, 2 August.

Thursday, 30 July: Young Observers Briefing and Reception
Friday & Saturday, 31 July – 1 August: Division Committee meetings
Saturday (Eve), 1 August: President's Address and Members Reception
Sunday & Monday: 2-3 August: Standing Committees
Monday (PM), 3 August: Council Round Table Discussions
Tuesday (AM), 4 August: WCLM
Wednesday (AM & PM) & Thursday (AM), 5-6 August: Council meeting

Bureau Minutes
Bratislava, 2009

Wednesday (Eve), 5 August: Council Reception

Thursday (12:30), 6 August: Bureau meeting (includes lunch)

Thursday (14:00), 6 August: Executive Committee meeting.

Dr. Jost reported that plans for the Congress seem to be well in hand. He will visit Glasgow in May to review plans with the organizers.

16.1.2 World Chemistry Leadership Meeting

Dr. Malin reported that the subject of the WCLM will be the International Year of Chemistry. This will be an opportunity for representatives of chemical societies and industry to share thoughts on national events as well as for IUPAC to describe plans for international events. The planned format of the meeting was to have a number of brief presentations on plans by national chemical societies and other organizations with significant time left for discussion. Formal invitations would be sent soon after the Bureau meeting.

16.1.3 Round Table Discussion Items

Prof. Black reported that a message had been sent to all NAOs on 1 March 2009 asking for suggestions of topics for the Round Tables at Glasgow. A copy of the message is in the Agenda Book. No suggestions have been received from the NAOs. It was proposed at the Executive Committee meeting that one of the Topics be the International Year. The IYC Management Committee has proposed that the four Round Tables each discuss one of the four main goals of the IYC as described in the prospectus. There was a discussion of the possibility of using professional facilitators for the Round Tables. It was decided to use the same format as at Torino with a Chair and a Moderator. The results of the Round Table discussions would be reported at the WCLM.

16.2 46TH GENERAL ASSEMBLY AND 43RD CONGRESS (SAN JUAN, 2011)

Dr. Jost noted that the Agenda book contained a report from the organizers. Organization of the Congress and General Assembly appeared to be on course. A number of special events were planned to celebrate the IYC. Prof. Lamba reminded the Division Presidents and Standing Committee Chairs that they should let the organizers know as soon as possible if their Division or Standing Committee would like to organize a session at the Congress. Prof. Tarasova reminded the Bureau that visa applications from some countries for the United States could take many months. The Congress organizers should advise registrants that they should allow six months for the visa application process.

16.3 47TH GENERAL ASSEMBLY AND 44TH CONGRESS (2013)

Prof. Black reported that one proposal for hosting the 2013 Congress and General Assembly had been received. A copy of the proposal from the Turkish Chemical Society was in the Agenda Book. Dr. Jost noted that this

proposal was the same as that made in 2007 and that the facilities proposed had been found suitable in a site visit in 2007. A motion was made and seconded to recommend to Council that the proposal from the Turkish Chemical Society be accepted. The motion was approved unanimously.

16.4 48TH GENERAL ASSEMBLY AND 45TH CONGRESS (2015)

Before discussion of this item, Prof. Jin resigned the Chair to Prof. Moreau. Prof. Black reported that one proposal for hosting the 2015 Congress and General Assembly had been received. A copy of the proposal from the Korean Chemical Society was in the Agenda Book. Dr. Jost reported that he would do a site visit to review the proposed venues in May. The comment was made that the word "proposed" should be added to the cover of the proposal from the KCS. Prof. Mahaffy asked about the notice given requesting proposals for the Congress and General Assembly. He also asked if there was a set geographic rotation for the Congress and General Assembly. Dr. Jost reported that the notice requesting proposals for the 2013 or 2015 Congress and General Assembly had been sent on 25 August 2008 with a deadline for submission of proposals of 1 February 2009. Prof. Black commented that there was no rule regarding geographic rotation of the location of the Congress and General Assembly but there was a preference for rotation on a regular basis to different areas of the globe.

A motion was made and seconded to recommend to Council that the proposal from the Korean Chemical Society be accepted, with the proviso that the proposed venue is found acceptable by the Executive Director. The motion was approved unanimously.

17. FINANCIAL MATTERS

17.1 REPORT OF TREASURER

Prof. Corish reported that there were no significant issues to report, other than the decrease in the value of the investment portfolio, which would be discussed in Item 17.2.

17.2 REPORT OF FINANCE COMMITTEE

Prof. Corish commented that the market turmoil of the past year has had an effect on the value of IUPAC's investment portfolio. The table below summarizes the recent value of the portfolio.

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-Mar-09	2,861,556	1,477,118	4,338,674	(162,564)

**Bureau Minutes
Bratislava, 2009**

The loss in value of the portfolio from its maximum value through 31 March of this year is 26 %. This relatively very good result is a tribute to the conservative investment policy followed by the Finance Committee for the last two years.

Prof. Corish noted that the term of one member of the Finance Committee, Dr. Schutt, expires at the end of 2009; he is eligible for a second four-year term. The Finance Committee has decided to submit Dr. Schutt's name for a second term to the President of IUPAC.

17.3 STATEMENT OF ACCOUNTS FOR 2008

Prof. Corish noted that the audited financial statement for 2007 and the most recent accountant's report were in the Agenda Book. He reported that the auditors completed their field work on 26 March and their report should be available in May. No issues had arisen in the auditor's field work and their report was expected to have no items of concern.

17.4 REVIEW OF BUDGETS FOR 2008-9

Prof. Corish said that there were no changes proposed to the budget as approved by Council at Torino. The approved budget is USD 2 936 100, income and expense, and there were small increases in most expense categories. The approved Total National Subscription represented an annual increase of 3 % from that for 2006-7.

17.5 PROPOSED BUDGET FOR 2010-11

Prof. Corish noted that the two standard formats for the budget were included in the Agenda Book. The major changes from the 2008-9 budget were the increase in total National Subscriptions by 3 % in 2010 & 2011 along with increases in most Division Committee allocations, some Standing Committees, and a reduction in the allocation to the Strategic Opportunities Fund. The reduction in the Strategic Opportunities Fund seemed justified as it has steadily increased and is now at USD 156 100 as funds from abandoned and completed projects continue to be added. The Secretariat line item has been increased to account for the overlap with the new Executive Director in 2010. The International Year of Chemistry has no direct impact on the 2010-11 budget.

Prof. Corish observed that the Agenda Book included a table showing the calculated 2010-2011 National Subscriptions. The table also contains historical data to put the calculated National Subscriptions in perspective. The candidate NAOs, Malaysia, Moldova, Saudi Arabia, Sri Lanka, Thailand, and Tunisia, are not included. The major changes are of two sorts. Large changes in the USD amounts are mainly due to changes in the chemical turnover in a country, thus the large increase in National Subscription for China is due to the steady, large increases in the Chemical Turnover each year for the past decade. In other cases the change in National Subscription is due to changes in the exchange rate versus that

Bureau Minutes
Bratislava, 2009

used in 2007 to calculate the 2008-9 National Subscriptions. The Euro zone countries show little change since the EUR/USD exchange rate has gone back down to what it was two years ago. The National Subscription for Japan is dramatically lower because the Yen rate is much lower than it was two years ago. Conversely Hungary & South Africa show the effects of a higher exchange rate for the Forint & the Rand. Since the National Subscriptions are set by calculation, the only controllable variable is the Total National Subscription. The individual National Subscriptions are influenced much more by changes in Chemical Turnover and exchange rates than by the Total National Subscription.

A motion to recommend the proposed budget to Council was made and seconded. The motion was passed unanimously.

17.6 NAO AND ANAO PAYMENT STATUS

Dr. Jost reported that five NAOs, other than the one NAO under sanctions, Belarus, have not yet paid their 2008 National Subscriptions in full. Nineteen NAOs have paid their 2009 National Subscriptions.

Dr. Jost noted that the Bureau at its Istanbul meeting approved a motion to terminate the ANAO status of Kenya, Mauritius, and Tanzania if payment was not made of their overdue ANAO fees. Kenya and Tanzania have now paid their ANAO fees through 2008. Mauritius did not pay by the deadline and its ANAO status was terminated.

The Executive Committee approved a motion to terminate the ANAO status of Estonia, Mexico, and Peru if payment was not received by 1 January 2009. Peru has paid its arrears while Estonia and Mexico have not paid their 2007 or 2008 ANAO fees. Their ANAO status has therefore been terminated. Vietnam has not paid its 2008 ANAO fees.

18. REPORT FROM THE MEMBERSHIP RELATIONS COMMITTEE

Prof. Henry noted that a report from the Committee was in the Agenda Book. He commented that the change in name of the current committee from that of the predecessor Committee, that is the addition of Relations to the name, indicated a change in focus of the Committee. The Committee was concerned with persuading current ANAOs to change their status to NAO and with service to NAOs.

19. APPLICATIONS FOR NATIONAL ADHERING ORGANIZATION STATUS

Prof. Black reported that applications for NAO status had been received from the organizations listed below. He commented that discussions had been held with organizations in Luxembourg and Singapore regarding possible applications for NAO status, but that no applications had as yet been received. The Executive Committee approved provisional NAO status for Malaysia, Thailand, and Sri Lanka contingent on payment of their National Subscriptions for 2009. Malaysia

and Sri Lanka have paid their National Subscriptions and were granted Provisional NAO status. Thailand paid their National Subscription the week before the meeting and also provided a complete application. The Academy of Science of Moldova has not provided a complete application and has not responded to messages requesting further information. A motion was made and seconded to recommend to Council the granting of NAO status to the organizations listed below. This applies to Moldova only if a complete application is received before the Council meeting. The motion was approved unanimously.

- 19.1 INSTITUTE OF CHEMISTRY CEYLON
- 19.2 INSTITUT KIMIA MALAYSIAN
- 19.3 ACADEMY OF SCIENCE OF MOLDOVA
- 19.4 SAUDI CHEMICAL SOCIETY
- 19.5 CHEMICAL SOCIETY OF THAILAND
- 19.6 SOCIÉTÉ CHIMIQUE DE TUNISIE

20. PUBLICATIONS

20.1 STATUS REPORT ON *PURE AND APPLIED CHEMISTRY*

Dr. Jost 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 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. Online access via IP address verification has been implemented and made available to subscribers. The implementation of immediate online publication, ASAP, for *PAC* is being phased in. This entails a significant workflow change for all of those involved in preparing *PAC* for publication.

20.2 STATUS REPORT ON *CHEMISTRY INTERNATIONAL*

Dr. Meyers reported that the publication schedule for *CI* had been delayed for a number of issues this year and in 2008 but she expected to be able to return to a normal schedule for the upcoming issues. The Bureau thanked Dr. Meyers for her continuing excellent work on *CI*. Dr. Jost noted that financial aspects of *CI* would be discussed in Item 25.

20.3 BOOK PUBLICATION AND BOOK SALES

Dr. Jost reported that the *Compendium of Polymer Terminology*, the *Purple Book*, had been published this year after a number of years of hard work by the editors. The life to date sales of the other color books that have been published in the last few years is shown in the table below

**Bureau Minutes
Bratislava, 2009**

Title (Pub. Date)	Quantity	Net income (GBP)	Royalty (GBP)
<i>Red Book II</i> (13 Aug 2001)	596	15 282	1528
<i>Red Book</i> (22 November 2005)	680	22 473	2247
<i>Green Book III</i>	782	19 552	1955

21. ADHERENCE TO IUPAC STANDARDS IN IUPAC SPONSORED BOOKS

Prof. Weir reported that Prof. Lorimer had suggested that a procedure be established to ensure that books published as a result of IUPAC projects adhere to IUPAC recommendations. The Agenda Book contained Prof. Lorimer's letter describing the background of his proposal. The discussion covered a number of issues, such as the increased workload on ICTNS, the possible antagonism of book editors to an additional review step, whether this additional review was needed, and the possibility of simply reminding editors of the need to follow IUPAC recommendations. The Bureau decided that ICTNS should be asked to discuss the issue and make a recommendation to the Bureau or Executive Committee, depending on the timing.

22. CURRENT PROJECTS

22.1 REPORT FROM PROJECT COMMITTEE

Prof. Powell reported that the Committee had reviewed and approved 13 projects that sought funding from the Project Reserve. Commitments to date in this biennium totaled USD 87 900 (80 % of available funds); these have been complemented by supporting commitments of USD 13 000 from the Strategic Opportunities Fund and USD 38 475 from external sources. Three of the Standing Committees and five of the eight Divisions have been beneficiaries of these IUPAC funds, which complemented total Standing Committee/Division commitments of USD 49 500 (a factor of 2.0:1). However, the majority of activity has come from just three Divisions.

Prof. Powell noted that the Project Committee also reviewed proposals from Divisions/Standing Committees 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. Applications must be made at least 12 months ahead of the conference, and are processed as received. He observed that in the current biennium these two programs are a "missed opportunity". There have been only four applications, with two being funded (one FSC-NDC and one FSC-SER, a total of USD 12 000); one application was

declined (FSC-SER) on the basis of ineligibility of the venue as a “scientifically emerging region”, and the other (FSC-NDC) on the basis of being a continuing conference series. In contrast, in the previous biennium a total of 11 conferences were supported financially by IUPAC.

22.2 PROJECT COMMITMENTS AND EXPENSE, PROJECT APPROVALS

Dr. Jost noted that the Agenda Book contained three reports routinely provided to Division Presidents, Standing Committee Chairs, Task Group Chairs, and the IUPAC officers. He commented that these were provided for the information of the Bureau. Prof. Henry asked if the Presidents of Divisions III and VIII could discuss why in the case of the former the amount committed to projects was so low while in the case of the latter the amount spent on operations was so high. Prof. Tundo commented that Division III had been working on increasing the number of project applications and expected to be able to approve a number of applications at the meeting of the Division Committee at Glasgow. Dr. Moss noted that the Division had received permission from the Secretary General and Treasurer to fund a number of special activities, such as the InChI workshop at the Salt Lake City ACS meeting using funds from operations.

23. REPORT FROM EVALUATION COMMITTEE

Prof. Weir reported that the Evaluation Committee, EvC, has evaluated 20 projects completed during the period from May 2005 to December 2005. The protocols used for the report to the Bureau at the Torino meetings in 2007 proved to be successful and are being adopted for the new evaluations along with the helpful suggestions received from some Bureau members.

The 20 projects fall into six categories, namely Recommendations (1), Technical Reports (3), IUPAC Policy/Strategy Documents (5), Nomenclature (1), Reference Data (6), Book (1), and Courses/Workshops (3). The EvC has completed its evaluation of these projects and the results were contained in the Agenda Book. These reports will form the basis of the final report to the Council in Glasgow in 2009.

24. DISCOVERY AND NAMING OF NEW ELEMENTS

Prof. Corish reported that the Joint Working Party had decided to divide its work into two parts; they have first considered the evidence regarding the element of atomic number 112 and will then review claims regarding elements of higher atomic number. This has enabled the naming process for 112 to proceed while the claims for elements of atomic number 113 et seq. are resolved. A first draft of the report on the elements of atomic number 113 and higher has been completed.

The report on the element of atomic number 112 was circulated to the laboratories concerned. Their comments were taken into account, and the report was extensively reviewed. It was also reviewed by Division II and ICTNS and approved for publication in *PAC* as a Technical Report. Before publication, the

report has been submitted for approval by the Executive Committee of IUPAC and the Executive Council of IUPAP. A copy of the letter sent to these bodies was in the Agenda Book. After approval of the report for publication, the Inorganic Chemistry Division will request the group named as the discoverer of the element of atomic number 112 to suggest a name and symbol for the element. A Recommendation will be made available for Public Comment, including an announcement on the IUPAC web site, and will then be brought to the Bureau or Council, whichever meets at the appropriate time, for approval. The Recommendation will then be published in *PAC*. Please recall that Council approved a motion to delegate to the Bureau the approval of a name for element 112 if there is no controversy regarding the assignment of priority of discovery or regarding the proposed name after the public comment period.

25. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

Dr. Jost noted that the Agenda book contained an updated financial summary for the AMP and *CI*.

He reported that there were no significant changes in the operation of the Fellows program or in the AMP in 2008. The current number of Fellows in the Secretariat's database is 1582. Each new Fellow receives a letter signed by the President informing him/her of their new status.

There were 2788 ACS Affiliates and 731 paid Affiliates from other chemical societies in 2008. In addition there were 35 Individual Paid Affiliates, 66 Individual Sponsored Affiliates, and 228 Sponsored Affiliates through chemical societies. The Australian and Czech NAOs have both begun operation of the AMP as of 2008. With 153 paid Affiliates, Australia now has one of the largest groups of Affiliates outside the United States. The Secretariat continues to look at ways to encourage NAOs and chemical societies to better promote the AMP.

26. STATUS REPORT ON IUPAC SECRETARIAT

Dr. Jost noted that the report in the Agenda Book provided a summary of the job descriptions of the Secretariat Staff including the new position of Chemistry Informatics Specialist. The resume of Mr. Bryan Pearson, who was hired to fill this position, was also in the Agenda Book.

The Bureau unanimously voted to commend the Secretariat staff for their continued excellent service to the Union.

27. SEARCH FOR A NEW EXECUTIVE DIRECTOR

Prof. Black reported that Dr. Jost had announced his intention to retire after August 2010. It is planned to have a replacement selected and hired by early 2010 to allow sufficient time for overlap. An advertisement for the position was placed in *Chemical & Engineering News*, *Chemistry World*, *Science*, the *Chronicle of Higher Education*, and the *Proceedings of the National Academy of Science*. The Selection Committee will review the candidates at a meeting tentatively planned for June.

The following motion: “*The Bureau endorses the composition of the Selection Committee as the Officers, and Dr Tom Tritton (CHF).*” was made and seconded. The motion was approved unanimously.

28. IUPAC WEB SITE AND OTHER PUBLICITY ABOUT THE UNION

28.1 WEB SITE

Dr. Jost noted that a report from Mr. Pearson regarding his work on the web site is included in the Agenda Book.

The major event regarding the web site continues to be the conversion of the existing site to one based on XML technology. After more than twelve months of operating the new site in “test” mode, there continue to be significant issues. The portions of the site related to the members database and to membership on IUPAC bodies have been converted to accept data generated by the Act databases at the Secretariat. This portion of the new site is largely successful. The portions of the site related to projects and other information continues to need a significant amount of work both by the developers in Prague and Secretariat staff. Communication with the developers has improved somewhat over the past year, but is still a significant barrier to completion of the project.

The Committee on Printed and Electronic Publications set up a study group at the 2008 CPEP Meeting in Prague. The Group considered how best to develop the IUPAC Website so as to meet the wishes and needs of both members of IUPAC and of others. Their report was included in the Agenda book. The Study Group concluded that a long-term goal for the development of the web site should be the creation of two aspects of the site, one oriented to members and the other oriented to the general public, mainly students and chemists not active in IUPAC. Dr. Jost commented that work on these recommendations would be started only after the current work on the web site described above was completed.

28.2 NEW BROCHURE

Dr. Meyers reported that a new brochure intended for use when IUPAC officers and others meet with representatives of other organizations had been developed. Copies of the new brochure were distributed at the meeting.

29. IUPAC PRIZES FOR YOUNG SCIENTISTS 2009

Prof. Henry reported that there were 36 applications from 19 different countries for the 2009 Prizes. Five Prizes were awarded as well as five Honorable Mention Awards. The press release announcing the award of the prizes was in the Agenda Book.

30. CONFERENCES AND SYMPOSIA

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

This item was discussed under item 22.1.

30.2 RATIFICATION OF SPONSORSHIP OF SYMPOSIA

A motion was made and seconded to ratify the sponsorships approved since the meeting of the Executive Committee at Jeju as listed in the Agenda Book. The motion was approved unanimously.

**31. PROPOSED CHANGE IN THE NAME OF SUBCOMMITTEE ON NOMENCLATURE,
PROPERTIES AND UNITS IN LABORATORY MEDICINE**

Prof. Templeton reviewed the background of the request from Division VII seeking approval to change the name of the above Subcommittee to "Subcommittee on Nomenclature FOR Properties and Units". A letter from Prof. Pontet explaining the reasons for this request was in the Agenda Book. A motion was made and seconded to approve this name change. The motion was approved unanimously.

32. DATES AND PLACE OF NEXT BUREAU MEETING

Prof. Black noted that the next meeting of the Bureau will be at lunch on Thursday, 6 August after the Council meeting at Glasgow. The purpose of this meeting is to elect to members of the Executive Committee from among the Elected Members of the Bureau. He also reminded the members of the Executive committee that there would be a short meeting immediately after the Bureau meeting. There will also be a tutorial session on administrative procedures for Division and Standing Committee Officers at 14:00 of the same day.

He noted that the Executive Committee would meet on 3-4 October 2009 in Concepción, Chile.

Prof. Black then reported that, excluding the NAOs admitted at Beijing and Torino, there are 8 NAOs that have never hosted an IUPAC Bureau or Executive Committee meeting: Brazil, Bulgaria, China/Taipei, Croatia, Egypt, Kuwait, Pakistan, and Serbia. He reminded the Bureau that Croatia had declined to host the 2009 Bureau meeting. Prof. Black reported that he had spoken to Prof. Beschkov of the Bulgarian Chemical Society earlier in the week and he had agreed to invite the Bureau to meet in Bulgaria, subject to approval of the other officers of the BCS. After reviewing the possible dates it was agreed that the Bureau would meet on 17-18 April 2010 in Sofia, Bulgaria, subject to confirmation with the Bulgarian Chemical Society.

33. ANY OTHER BUSINESS

Prof. Jin reported that the registration of IUPAC as an NGO in correspondence with the UN Department of Economic and Social Affairs, Division for Sustainable Development was in progress.