

**46<sup>th</sup> IUPAC COUNCIL MEETING**  
**San Juan, Puerto Rico, 3-4 August 2011**  
**Detailed AGENDA**

1. [09:00] Introductory Remarks and Finalization of Agenda

[Prof. Moreau]  
[For Information]

Greetings from ICSU: Prof. Henry

2. [09:15] Approval of Minutes of 45<sup>th</sup> Council Meeting and Matters Arising

[Prof. Moreau]  
[For Information and Decision; voting by show of hands]

**Motion:** *Minutes of 45<sup>th</sup> Council Meeting in Glasgow, UK, are approved.*

3. [09:20] Ratification of Decisions Taken by Bureau and Executive Committee since 45<sup>th</sup> General Assembly

[Prof. Moreau]  
[For Decision; voting by show of hands]

All decisions taken by the Bureau and Executive Committee, since those approved by the Council at Glasgow (Minute 3, 45<sup>th</sup> Meeting), are contained in the following Minutes, which were distributed to National Adhering Organizations on the dates shown:

88 <sup>th</sup> Bureau (Glasgow, UK, 6 August 2009)	23 October 2009
89 <sup>th</sup> Bureau (Sofia, Bulgaria, 17-18 April 2010)	02 September 2010
90 <sup>th</sup> Bureau (Warsaw, Poland, 9-10 April 2011)	20 July 2011
140 <sup>th</sup> Executive Committee (Glasgow, UK, 6 August 2009)	23 October 2009
141 <sup>st</sup> Executive Committee (Concepción, Chile, 3-4 October 2009)	28 December 2009
142 <sup>nd</sup> Executive Committee (Sofia, Bulgaria, 18 April 2010)	09 September 2010
143 <sup>rd</sup> Executive Committee (Taipei, Taiwan, 2-3 October 2010)	19 January 2011
144 <sup>th</sup> Executive Committee (Warsaw, Poland, 10 April 2011)	20 July 2011

**Motion:** *Council ratifies all decisions taken by the Bureau and Executive Committee, since those approved by the Council at Glasgow (Minute 3, 45<sup>th</sup> Meeting).*

4. [09:25] Announcement of Nominations for Union Officers and Bureau Members

[Prof. Black]  
[For Information]

Nominations Received

*Vice President*

Dr. Mark C. Cesa (United States)

Prof. Natalia Tarasova (Russia)

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Treasurer

Prof. John Corish (Ireland)

Secretary General

Prof. René Deplanque (Germany)

Prof. Anders Kallner (Sweden)

Elected Members of the Bureau

Prof. Christopher M. A. Brett (Portugal)

Prof. Russell J. Boyd (Canada)

Prof. Tavarekere K. Chandrashekar (India)

Prof. Francesco de Angelis (Italy)

Dr. Javier García-Martínez (Spain)

Prof. George Horvai (Hungary)

Prof. Venčeslav Kaučič (Slovenia)

Prof. Wolfram Koch (Germany)

Prof. Ram S. Lamba (Puerto Rico)

Prof. Natalia Tarasova (Russia)

5. [09:30] Announcement of Time of Elections

[Prof. Black]

[For Information]

The elections for Vice President, Treasurer, Secretary General, and Elected Members of the Bureau will be held at 09:30 on 4 August 2011.

**Motion:** *Council approves the appointment of Prof. James McQuillan, Dr. Aleš Fajgelj, and Dr. Fabienne Meyers as Tellers.*

6. [09:35] Statutory Report of President on State of the Union

[Prof. Moreau]

[For Information and Discussion]

7. [09:50] Update – International Year of Chemistry 2011

[Prof. Moreau]

[For Information and Discussion]

8. [10:05] Vice President's Critical Assessment

[Prof. Tatsumi]

[For Information and Discussion]

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9. [10:20] Report of Secretary General

[Prof. Black]

[For Information and Discussion]

10. [10:35] Applications for National Adhering Organization (NAO) and Associate National Adhering Organization (ANAO) Status

[Prof. Black]

[For Decision; voting by show of hands]

Three organizations have applied for NAO status. All three have been granted Provisional National Adhering Organization (NAO) status by the Executive Committee and have paid their 2010 National Subscriptions. Under the terms of Provisional Membership they will be able to vote at Council, once Council approves their applications. The three organizations are:

10.1. Pancyprian Union of Chemists (Cyprus)

10.2. Tanzania Chemical Society (Tanzania)

10.3. Chemical Society of Nigeria (Nigeria)

**Motion 1:** *Council approves the applications of the Pancyprian Union of Chemists, the Tanzania Chemical Society, and the Chemical Society of Nigeria to become IUPAC National Adhering Organizations. This approval is subject to payment of the 2010 National Subscription by Cyprus and Tanzania and the 2011 National Subscription by Nigeria.*

One organization has applied for ANAO status. Provisional Associate National Adhering Organization (ANAO) status has been granted by the Executive Committee and the 2010 ANAO membership fee has been paid. Under the terms of Provisional Membership this organization will have full rights as an ANAO of IUPAC. The organization is:

10.4. Indonesian Chemical Society (Indonesia)

**Motion 2:** *Council approves the application of the Indonesian Chemical Society to become an Associate National Adhering Organization of IUPAC. This approval is subject to payment of the 2010 ANAO membership fee by the applicant organization.*

10.5. The Republic of Korea has requested that its NAO Representative to IUPAC be changed from the Korean Federation of Science and Technology Societies (KOFST) to the Korean Chemical Society (KCS).

**Motion 3:** *Council approves the request from the Republic of Korea to change its NAO Representative to IUPAC from the Korean Federation of Science and Technology Societies (KOFST) to the Korean Chemical Society (KCS).*

10.6. Brazil has requested that its NAO Representative to IUPAC be changed from the Brazilian Chemistry Committee for IUPAC (CBAQ) to the Brazilian Chemical Society (SBQ).

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**Motion 4:** *Council approves the request from Brazil to change its NAO Representative to IUPAC from the Brazilian Chemistry Committee for IUPAC (CBAQ) to the Brazilian Chemical Society (SBQ).*

**[10:50 – 11:10] Refreshment Break**

11. [11:10] Adoption of Recommendations on Nomenclature and Symbols

[Prof. Black]

[For Information and Decision; voting by show of hands]

**Motion:** *Council approves the recommendations approved by the Interdivisional Committee on Terminology, Nomenclature and Symbols and published, or scheduled to be published, in Pure and Applied Chemistry from August 2009 through July 2011.*

11.1. Validation and Naming of New Elements [Prof. Corish]

12. [11:35] Reports of Division Presidents (Written reports will be received and 10 minutes allocated for questions and discussion of each)

[Prof. Black]

[For Information and Discussion]

12.1. Division I – Physical and Biophysical Chemistry Division [Prof. McQuillan]

12.2. Division II – Inorganic Chemistry Division [Dr. Loss]

12.3. Division III – Organic and Biomolecular Chemistry Division [Prof. Koomen]

12.4. Division IV – Polymer Division [Prof. Ober]

12.5. Division V – Analytical Chemistry Division [Dr. Fajgelj]

12.6. Division VI – Chemistry and the Environment Division [Prof. Senesi]

12.7. Division VII – Chemistry and Human Health Division [Prof. Templeton]

12.8. Division VIII – Chemical Nomenclature and Structure Representation Division  
[Prof. Hartshorn]

**[12:35 – 14:00] Lunch will be served.**

13. [14:00] Reports of Standing Committee Chairs (Written reports will be received and 10 minutes allocated for questions and discussion of each)

[Prof. Black]

[For Information and Discussion]

13.1. Committee on Printed and Electronic Publications [Dr. Martinsen]

13.2. CHEMRAWN Committee [Prof. Sydnes]

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- 13.3. Committee on Chemistry and Industry [Dr. Dröscher]
- 13.4. Committee on Chemistry Education [Prof. Mahaffy]
- 13.5. Interdivisional Committee on Terminology, Nomenclature and Symbols [Prof. Weir]
- 13.6. Project Committee [Prof. Powell]
- 13.7. Evaluation Committee [Dr. Kallner]

14. [15:10] Financial Reports

14.1. Biennial Report of Treasurer

[Prof. Corish]

[For Information and Discussion]

The Treasurer notes in his report that there were two significant factors that influenced the finances of the Union during the current biennium. These were the continuing worldwide Recession from which very few could hope to be immune and the additional expenditure necessary to support the IUPAC program for the IYC 2011. He will present an interim report on financial aspects including fundraising for the IYC and notes that, in addition to the events organized directly to celebrate the year, the full spread of our normal activities has been maintained. Although it is still too early to know the final financial outcome of the IYC, he predicts that the Union will emerge from 2011 in a healthy financial state. He also notes that the Union will certainly need to diversify and increase its income streams if, in the future, it is to continue and to expand its current range of services to and involvement with the worldwide community of chemists and so take advantage of the increased activity generated by the IYC.

14.2. Report of Finance Committee

[Prof. Corish]

[For Information and Discussion]

The Treasurer notes in his report that the two meetings of the Finance Committee held since the last General Assembly in Glasgow had, in addition to normal business, been concerned with careful reviews of the Union's investment portfolio. In particular, contact on this issue was maintained during the past year between the Secretariat and the Chairman of the Finance Committee. Independent assessment indicated that our portfolio, because of the diversity and prudent nature of its holdings, has performed as well as could be expected in the prevailing fiscal climate with some less well-performing elements recently showing recovery. At its meeting in 2010, the Finance Committee approved a proposal to use an average of the currency exchange rate data for four calendar quarters for the calculation of National Subscriptions in national currencies for the 2012-2013 biennium and onward, thereby seeking to even out anomalously low or high exchange rate changes resulting from rapid market fluctuations.

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14.3. Accounts for 2009-2010

[Prof. Corish]  
[For Information and Discussion]

The Agenda Book contains the audited financial statements for 2009 and 2010. The operations of the Union for the biennium were within budget. Other than the decrease in value of the yield from the investment portfolio and the decrease in the income from publications, the statements show no areas of concern.

14.4. Appointment of Auditors for 2011 and 2012

[Prof. Corish]  
[For Decision; voting by show of hands]

The Bureau has recommended to Council the appointment of Batchelor, Tillery and Roberts, LLP, of Raleigh, North Carolina USA as IUPAC Auditors for 2011 and 2012.

**Motion:** *Council approves the appointment of Batchelor, Tillery and Roberts, LLP, of Raleigh, North Carolina USA as IUPAC Auditors for 2011 and 2012.*

14.5. Interim Financial Report for International Year of Chemistry 2011

[Prof. Corish]  
[For Information and Discussion]

The Treasurer will present an interim financial report for expenses related specifically to the International Year of Chemistry (IYC 2011). This report is in the Agenda Book.

**[15:40 – 16:00] Refreshment Break**

15. [16:00] Budget Proposal

15.1. Proposed Budget for 2012-2013

[Prof. Corish]  
[For Discussion and Decision; voting by cards, 50 % of votes cast (B2.2)]

The proposed budget is in line with all recent budgets and has been formulated following input from the Finance Committee and the Bureau. It has also been designed to take account of the trends noted in the financial position of the Union in the early part of this current year and, in particular, to allow the work of the Divisions and Standing Committees to be maintained in the face of those changes. The estimates for both the expenditures and income sides have been made as realistic as is possible at this time and are based on the best information available to us. The allocations made to general administrative work and to the Strategic Opportunities Fund reflect a likely diminution in activities after the IYC.

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15.2. National Subscriptions for 2012-2013

[Prof. Corish]  
[For Information]

The Agenda Book includes a table showing the calculated 2012-2013 National Subscriptions. At the 2010 meeting of the Finance Committee it was proposed and approved that an average of four quarters of currency exchange rate data be used for the calculation of National Subscriptions in national currencies. The effect of this longer-term average will be to even out anomalously high or low exchange rates during periods of rapid market fluctuation. National Subscriptions for 2012 and 2013 were calculated using this new procedure for determining time-averaged currency exchange rates.

It is worth noting that the calculation of these subscriptions follows an agreed algorithm that has complex dependencies on changes in the values of national production of chemicals relative to total worldwide production and fluctuations in currency exchange rates. The only variable that is under control of Council 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.

The Council is asked to approve the proposed budget and the National Subscriptions that arise from its implementation.

**Motion:** *Council approves the proposed Budget for 2012-2013 and the National Subscriptions implied by the proposed Budget.*

16. [16:20] National Adhering Organizations in Arrears

[Prof. Black}  
[For Decision; by Cards, requires 75 % of votes cast (B2.21)]

Cuba and Korea are in arrears for payment of their respective National Subscriptions. The Secretariat is negotiating with both NAOs to remedy this situation as rapidly as possible.

17. [16:30] Applications for Associated Organization Status

[Prof. Black}  
[For Decision; by show of hands (B 2.2.3)]

17.1. European Chemistry Thematic Network Association (ECTN)

17.2. Federation of Asian Polymer Societies (FAPS)

**Motion:** *Council approves the applications of the European Chemistry Thematic Network Association (ECTN) and the Federation of Asian Polymer Societies (FAPS) for Associated Organization status.*

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18. [16:40] Proposals Formally Received from National Adhering Organizations

[Prof. Black]

No proposals have been received from National Adhering Organizations.

19. [16:40] Organizational Changes in Existing IUPAC Bodies, Proposals for New and Reconstituted Bodies/Terms of Reference

[Prof. Black]

[For Information and Discussion]

19.1. Two-Year Terms for Division Members

The Executive Committee agreed in April 2010 that Titular members of Divisions be elected for two-year terms, with the possibility of re-election for an additional two years. NAOs have been notified of this decision by the document that is included in the Agenda Book.

**Motion 1:** *Council ratifies the decision taken by the Executive Committee that Titular Members of Divisions be elected for two-year terms, with the possibility of re-election for an additional two years.*

19.2. Election of Standing Committee Members

By agreement with Chairs of the operational Standing Committees (CHEMRAWN, COCI and CCE), members of these Standing Committees will be elected rather than appointed by the Standing Committee Chairs, subject to approval of the President. This is currently a trial process, but subsequently a formal change of Bylaws might be needed.

19.3. Addition of National Representatives to CHEMRAWN

At the 89<sup>th</sup> Bureau meeting held in Sofia, Bulgaria, in April of 2010, the following question was debated: *Should the Standing Orders of the CHEMRAWN Committee be amended to permit the addition of National Representatives from NAOs?* A formal motion was brought to the floor and the ensuing vote unanimously supported the proposed change.

**Motion 2:** *Council approves the decision taken by the Bureau and the change of the first Standing Order to read "There shall be a standing CHEMRAWN Committee composed of a Chair, a Secretary, six titular members, up to six Associate members, and up to ten national Representatives. In addition, the Treasurer shall be an 'ex officio' Member, but without voting power."*

20. [16:45] Plans for 47<sup>th</sup> General Assembly and 44<sup>th</sup> Congress (Istanbul, 2013)

[Mr. Tunçel]

[For Information]

Mr. Tunçel will present a brief report on preliminary preparations for the next General Assembly and World Chemistry Congress to be held in Istanbul, Turkey, in 2015.

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21. [17:00] Notification of Intent to Accept Proposals to Host 48<sup>th</sup> General Assembly and 45<sup>th</sup> Congress (2017) and 49<sup>th</sup> General Assembly and 46<sup>th</sup> Congress (2019)

[Prof. Black]  
[For Information]

The Secretariat will issue a call for Expression of Intent to Host a General Assembly and World Chemistry Congress before the next Executive Committee meeting in October 2011. Formal proposals from NAOs will be due before the next Bureau meeting in April 2012. Final decisions to accept proposals for 2017 and 2019 will be taken at the 47<sup>th</sup> General Assembly and 44<sup>th</sup> Congress (Istanbul, 2013).

**[17:10] End of Day One**

22. [09:00] Reauthorization of Commissions

[Prof. Black]  
[For Decision]

Bylaw 4.302 requires that Council reapprove all existing Commissions at each General Assembly.

**Motion:** *Council reauthorizes the Commission on Physicochemical Symbols, Terminology and Units, the Commission on Isotopic Abundances and Atomic Weights, and the IUBMB-IUPAC Joint Commission on Biochemical Nomenclature (JCBN).*

23. [09:10] Important Matters Referred to Council by Bureau Not Covered by Items on Council Agenda

[Prof. Black]  
[For Information, Discussion and Decision, as necessary]

24. [09:20] Any Other Business (discussion only)

[Mr. Humphris]  
[For Information and Discussion]

The World Chemistry Leadership Meeting (WCLM) took place on 2 August 2011 during the IUPAC General Assembly. A report of the objectives, activities and results of this meeting is presented for the information of the Council.

25. [09:30] Election of Union Officers and Bureau Members and Approval of Elected Officers of Divisions

[Prof. Black]  
[For Information and Decision]

The election slate and information about the candidates are included in the Agenda Book.

26. Closing Remarks, Adjournment

[Prof. Moreau]  
[For Information]