

INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY

MINUTES OF 92nd MEETING OF EXECUTIVE COMMITTEE

Centre National de la Recherche Scientifique, Paris: 9-10 April 1979

Present: Prof. G. Smets (Chairman), Prof. Sir Derek Barton, Dr. R. W. Cairns, Prof. N. M. Emanuel, Prof. O. Horn, Prof. G. Ourisson, Prof. C. G. Overberger, Prof. H. Zollinger.

In Attendance: Dr. M. Williams

1/79 INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

The death of Past-President Prof. V. N. Kondratiev (79.02.22) was noted with regret.

The following items were added to the agenda circulated by the Executive Secretary (79.03.23):

- 3.6.1 Venezuelan Membership of IUPAC
- 5.4 32nd IUPAC General Assembly (1983)
- 7.4 Commissions on Food Chemistry and Pesticide Chemistry

In order to speed up preparation and distribution of future minutes, Prof. Ourisson advocated the use of shorter minutes: decisions should be recorded in full, but no details of discussions included. Prof. Smets expressed some doubts, but Prof. Horn suggested anyone wishing to have his detailed remarks in the minutes should present them in writing to the Executive Secretary by the end of the meeting.

2/79 MINUTES OF 91st MEETING OF EXECUTIVE COMMITTEE (78.08.31)

2.1/79 Amendments and Approval of Minutes

The minutes, as circulated by the Executive Secretary (78.12.05), were approved without amendment.

2.2/79 Matters Arising from Minutes

2.2.1/79 ACAST and UN Conference on Science and Technology (see 15.2.3/78)

It was noted that the proceedings of the International Symposium on Science and Technology for Development (Singapore, 79.01.21-28), including a paper by Dr. B. W. Rossiter on CHEMRAWN, were to be presented by the President of ICSU with a series of recommendations at the UN Conference. No participation by IUPAC was therefore necessary.

2.2.2/79 IUB-IUPAC Joint Commission on Biochemical Nomenclature (see 15.2.4/78)

In order to meet the different statutory requirements of the two Unions, a suggestion by the Executive Secretary was accepted to amend (vi) of Composition and Terms of Office for JCBN (cf. Appendix C, 90th Executive Committee - Villefranche) to read:

"The periods of service of Members and the sum of the years of service as an ordinary Member and as Chairman or Secretary shall be in accordance with the Statutes and Bylaws of the appointing Union."

There was no objection from IUPAC to the request that the experimental period of operation of JCBN be extended to 80.06.30 so that Members appointed until 1980 would still be in office at the time of the 1980 meeting.

2.2.3/79 Status of Taiwan in IUPAC (see 15.2.6/78 & Finance Committee 6.2/79)

Letters had been received from the Chemical Industry and Engineering Society of China (79.02.23) and the Chinese Chemical Society, Peking (79.03.15), seeking the admission of People's Republic of China to IUPAC. The Executive Committee decided that Council at Davos should be asked to decide on the representation of Chinese chemists in the Union and a circular letter from the Secretary General explaining the situation to the National Adhering Organization was approved.

2.2.4/79 Public Liability Insurance (see 18/78 & Finance Committee 3/79)

Some changes to the insurance policy suggested by experts at Hoechst AG had been referred for the attention of the insurance company. If necessary, the matter would be reconsidered at the next meeting of the Executive Committee.

3/79 MINUTES OF MEETINGS OF BUREAU, DIVISION PRESIDENTS AND STANDING COMMITTEES

3.1/79 39th Bureau (78.09.01-02)

3.1.1/79 Liaison between Officers of IUPAC and Officers of Divisions/Sections  
(see 6.2/78)

The possibility of installing telex at the Secretariat would be deferred until the extent of members of IUPAC bodies with telex was clear from the Davos biennial Membership Lists.

3.1.2/79 Proposal for Experimental Modification of IUPAC Organizational Structure (see 6.3/78)

It was agreed to refer for the immediate attention of Section/Division Presidents a revised proposal from the US National Committee for IUPAC for Divisional membership of the Union by external individuals on payment of an annual subscription. The Macromolecular and Analytical Chemistry Divisions might be willing to undertake a trial evaluation for a limited time period.

The proposal should be discussed at the meeting of Section/Division Presidents in Davos with Prof. Overberger present, then be considered by the Bureau. It should be included in the papers for Council, but could be withdrawn if the Bureau found there was insufficient support from the Section/Divisions. Prof. Emanuel would ascertain the reactions of colleagues in USSR to the proposal and report back at Davos.

3.1.3/79 Contract Work with CEE (see 7.11/78)

The Executive Secretary was asked to contact Section/Division Presidents to see whether they wished to take up various possibilities for new collaborative work with CEE, the matter to be reviewed by the Bureau at Davos.

3.1.4/79 International Technical Seminar (see 9.3/78)

Prof. Ourisson reported that the Seminar of Editors of Chemical Journals had been cancelled because there were fewer applications than expected. The topics selected for discussion should be included as part of a suitable forthcoming IUPAC-sponsored meeting.

3.2/79 Division Presidents (78.08.30)

The minutes were recorded as having been received officially by the Executive Committee.

Prof. Zollinger said that Section/Division Presidents had again failed to eliminate "window dressing" from the May 1979 updating of the IUPAC Project Programmes Listing (cf. 5/78) and much material had been submitted for publication in a poor state of preparation. The Secretary General agreed to request Section/Division Presidents to exercise a greater quality control in future and, for the Bureau meeting at Davos, to check on the progress made for individual projects by comparing the Listings for 1976, 1977, and 1979.

3.3/79 CHEMRAWN Planning Committee (78.07.13 & 79.02.21)

The two sets of minutes were recorded as having been received officially by the Executive Committee.

The proposal for CHEMRAWN II to be a "World Conference on Chemistry, Agriculture, and World Food Supply" in Manila, Philippines during March 1981 was approved by the Executive Committee. The principle of holding all IUPAC-sponsored meetings in member countries of the Union need not apply for a CHEMRAWN Conference.

There was general agreement that "Corrosion and Surface Protection" was more appropriate as a subject for an IUPAC interdivisional symposium, but "Chemistry of the Oceans" was strongly supported for CHEMRAWN III.

Dr. B. W. Rossiter should be advised that all Sections/Divisions of the Union, not simply the Applied Chemistry Division (see 7(b)/79), should be invited to send an observer to the Davos meeting of the CHEMRAWN Planning Committee.

3.3.1/79 Publication Difficulties of CHEMRAWN I (see 3(e)/79)

Comments on publishing material from CHEMRAWN Conferences (letter of 79.03.15 from Dr. W. G. Schneider) were noted. To avoid the difficulties encountered for CHEMRAWN I, the Executive Committee requested the organizers of CHEMRAWN II to present their publication proposals in the first instance solely through the IUPAC Committee on Publications to the Union's official publisher.

3.3.2/79 Change of Name and Standing Orders (see 10/79 & 12/79)

A recommendation that the name of the Committee be changed to "CHEMRAWN Committee" was accepted and proposed standing orders (see Appendix A) were approved.

3.4/79 Interdivisional Committee on Nomenclature and Symbols (78.10.03-05)

The minutes were recorded as having been received officially by the Executive Committee.

3.4.1/79 Divisional Membership (see 7(b)/78)

The decision (see 7.3(vi)/78, 90th Executive Committee - Villefranche) that from Davos each Division should only have one representative on IDCNS (paid deputies would be permitted at meetings) was reviewed. It was agreed that in addition to the three Officers and one representative from each Section/Division, up to three other IUPAC experts could be designated by the Chairman to cover special needs at IDCNS meetings. The maximum number of participants for which the Union would pay expenses could thereby be raised from ten to thirteen persons.

3.4.2/79 Participation of Secretary General (see 7(c)/78)

IDCNS should send an agenda and invite the Secretary General to participate in its meetings. Prof. Ourisson could then decide in each case if his attendance was necessary.

3.4.3/79 Publication of Nomenclature and Symbols Reports (see 7(a)/78)

Concerning problems of deficiency in English in some Commission reports, the Executive Committee recommended that, before processing such reports, IDCNS should ensure that all necessary language editing had been done by the originating Commission and Section/Division Committee (cf. Appendixes H and J, 87th Executive Committee - Washington).

3.5/79 Committee on Chemistry and Industry (79.02.12)

The draft minutes were recorded as having been received officially by the Executive Committee. Prof. Smets had been present at the inaugural deliberations in Leverkusen and he was optimistic for the future of COCI.

3.6/79 Finance Committee (79.02.19-20)

The minutes were recorded as having been received officially by the Executive Committee. Prof. Smets had not found any items which required the attendance of the Finance Committee Chairman, Prof. A. Björkman, at the present meeting. Prof. Horn commented in some detail on a memorandum from Prof. Björkman (dated 79.03.19), with several points of which he was in disagreement.

3.6.1/79 Venezuelan Membership of IUPAC

The Executive Committee confirmed that a letter to the Treasurer (dated 78.09.01), commenting on nonpayment of its 1978 subscription, was effectively a resignation from the present Venezuelan Adhering Organization, Instituto Venezolano de Investigaciones Científicas. The Secretary General agreed to ascertain through Prof. A. Perez-Masiá if there was a more suitable Adhering Organization than IVIC or if IVIC was willing to assume a lower membership category of the Union.

3.6.2/79 Matters Arising from Zürich (79.02.19-20)

3.6.2.1/79 Committee on Chemistry and Industry (see 2.2.6/79)

Claim forms should not be distributed for its future meetings, but notice should be given that any member in financial difficulty could apply for a claim form.

3.6.2.2/79 Statement of Accounts for 1978 and for Biennium 1977-8 (see 4.1/79)

The accounts were accepted for auditing and submission to Council at Davos.

3.6.2.3/79 Currency for IUPAC Financial Transactions (see 4.2/79)

The recommendation to retain the US-dollar was approved.

3.6.2.4/79 Guidelines for IUPAC Financial Operations (see 5.3/79)

It was not felt necessary to modify Guideline 5 (see Appendix C, Finance Committee - Zürich 1977) to read:

"Aim to build and maintain assets equivalent to at least two years expenditure."

### 3.6.2.5/79 Mandatory Allocation of Membership Categories (see 6.3/79)

The Executive Committee endorsed the view that there was no basis to move to mandatory categories for 1980 onwards.

### 3.6.2.6/79 Late Payment of Subscription (see 6.5/79)

While special letters to Colombia and Venezuela about their outstanding 1978 subscriptions might be worthwhile, there seemed little point in trying yet once again to ascertain why Belgium was persistently late with its annual subscription. It was agreed that action should be delayed for the present regarding nonreimbursement of travel and subsistence expenses from Titular Members in such countries.

### 3.6.2.7/79 Minimum Membership Category (see 6.6/79)

Council at Davos should be asked to approve that a country may apply to stay only one category lower than required by its chemical turnover. The letter from Venezuela (see 3.6.1/79 above) should be referred to the Finance Committee.

### 3.6.2.8/79 Company Associate Subscription (see 6.7/79)

It was not judged opportune to raise the subscription unit for 1980 to US-\$350, nor was there much support for introducing a units structure scheme at this time. The two possibilities should be reconsidered when the new IUPAC news journal was in existence.

The Treasurer wished to press the US National Committee for IUPAC to submit details of the number of units held by each Company Associate in USA, but Prof. Overberger and Dr. Cairns advised against such action.

### 3.6.2.9/79 Per Diem Allowance (see 7/79)

Rather than follow the regularly updated ICSU per diem rates throughout the world, the Executive Committee preferred (Prof. Horn abstained) to raise the existing flat rate from the start of 1980 to US-\$55.

### 3.6.2.10/79 CHEMRAWN (see 8/79)

The recommendation was accepted to set up a subaccount to handle the surplus from CHEMRAWN I and to finance future CHEMRAWN activities. Claim forms should not be distributed for future meetings of the CHEMRAWN Committee, but notice should be given that any member in financial difficulty could apply for a claim form.

### 3.6.2.11/79 Budget for 1980 (see 9/79)

A decision was deferred to Davos (or to an Officers' meeting later in 1979) on the basis of allocating the US-\$200 000 presently envisaged for travel, subsistence, and administration of IUPAC bodies in 1980. In general, however, the Executive Committee felt that allocations should be similar to those in previous years.

The Executive Secretary reported that unexpectedly the provisional royalties for 1978 just notified by Pergamon were lower than for 1977, which worsened the budgetary forecasts of the Finance Committee for 1979 and 1980. In view of the changed circumstances and so as not to fall further behind world inflationary trends, it was agreed to propose a 10% increase in the national subscriptions for 1980. The National Adhering Organizations should be notified in good time before Council met in Davos.

### 3.6.2.12/79 Finance Committee Meeting at Davos (see 11.1/79)

The request for the Finance Committee to meet for two days at Davos in order to make a better input to the Executive Committee and higher authorities of the Union was approved (7 in favour, 1 against).

### 3.6.2.13/79 Biennial Budgetting (see 11.2/79)

The Executive Committee was in favour of introducing biennial budgetting for the Divisions and accepted the suggestions of the Finance Committee for its implementation in 1980-1.

### 3.6.2.14/79 IUPAC Project Programmes (see 13/79)

The recommendation that a listing of reports actually published or finished from Commission projects be drawn up as an aid to fund-raising efforts on behalf of IUPAC, was approved. The Secretary General would invite each Division to be responsible for generating its own such listing.

## 4/79 FINANCIAL MATTERS

### 4.1/79 UNESCO Contracts on Teaching of Chemistry

The Executive Committee ratified the action of the President in signing a contract with UNESCO for the Union to publish issues Nos. 11 and 12 of the International Newsletter on Chemical Education in 1979 and Nos. 13 and 14 in 1980. The Secretariat must take an appropriate proportion of the funds to cover its work in producing the Newsletters.

A French-language version of each Newsletter was under discussion by the Committee on Teaching of Chemistry. This implied additional work for IUPAC for which extra funding must be made available by UNESCO.

### 4.2/79 IUB-IUPAC Joint Commission on Biochemical Nomenclature

A budget estimate for administrative expenses by JCBN in 1979, requiring £240 from IUPAC, was noted with concern. The Executive Committee preferred to limit the IUPAC contribution to £100 as originally expected (see 6.6.1/78, 90th Executive Committee - Villefranche) and to review the situation later for 1980.

## 5/79 FUTURE IUPAC GENERAL ASSEMBLIES

### 5.1/79 30th IUPAC General Assembly

#### 5.1.1/79 Status Report

Prof. Zollinger reported briefly on a meeting at Davos (79.02.22), called to review arrangements for the 1979 General Assembly. A higher attendance was expected than for Madrid (1975) or Warsaw (1977). A suggestion from Swiss chemical industry to include a special lecture on "Cancer" by Prof. P. Cerutti was accepted with some reluctance by the Executive Committee, because it would complicate further the already crowded schedule.

The deadline of 78.12.31 approved by the Bureau (see 5.1/78, 39th Meeting) for return of claim forms had already been extended to 79.02.02 by Prof. Horn. The Executive Committee decided that late claim forms would be paid after the General Assembly. In case the original invitation letter and enclosures had been lost in the mail, the Secretary General would write to all Titular Members who had not returned a participation questionnaire.

### 5.1.2/79 Reimbursement for Intercontinental Travel

The decision to reimburse Titular Members at the rate of 69% of the September 1978 economy class air fares inevitably left a greater financial burden on persons living furthest away from Davos. Such discrimination might discourage the participation from distant countries, thereby contradicting a basic philosophy of the Union. The Executive Committee noted that the problem had been solved for Prof. L. F. Bertello (Argentina) by using some free air coupons granted to IUPAC by Swiss Air. The matter would be further reviewed in the light of any other complaints received by Davos.

### 5.1.3/79 Council Agenda

An agenda for the Council meeting drafted by the Executive Secretary was approved by the Executive Committee for circulation to National Adhering Organizations in accordance with Bylaw 2.25. It was confirmed that the CHEMRAWN Committee should report to Council at Davos, but not the recently inaugurated Committee on Chemistry and Industry.

### 5.1.4/79 Elections

The present status of nomination of candidates to fill vacancies amongst Officers of the Union and Elected Members of the Bureau was discussed:

Vice-President	- W. G. Schneider (Canada) S. Nagakura (Japan)
Treasurer	- W. Graulich (FRG)
Secretary General	-
Bureau	- D. B. Tonks (Canada) E. J. Ariens (Netherlands) V. A. Koptug (USSR) H. G. Wagner (FRG)

An additional vacancy arose on the Bureau because of the resignation of Sir Derek Barton from the end of the Davos Assembly.

Because of heavily increased responsibilities Prof. E. U. Franck had resigned as Vice-President (President-Elect) of the Physical Chemistry Division. It was noted that Council would be asked to approve the election of Prof. N. Sheppard to succeed Prof. S. Sunner as Division President after Davos.

Dr. H. Frehse was expected to become Vice-President (President-Elect) of the Applied Chemistry Division at Davos. The Executive Committee was therefore unable to approve a proposal that Dr. A. F. Langlykke should continue as a second Vice-President, which contravened Bylaw 4.104: he could continue only as an ordinary Member of the Division Committee.

### 5.2/79 31st IUPAC General Assembly

Prof. Smets reported briefly on preliminary discussions to hold the 1981 General Assembly at Leuven. The projected dates of 25 August-2 September were based on a schedule similar to Davos and followed the 28th IUPAC Congress (Vancouver, 81.08.16-22). By using University student accommodation and taking care over expenditure on meals, Prof. Smets anticipated that the per diem could be less than US-\$40. He confirmed that the use of University meeting rooms in the town would be more agreeable than facilities on the science campus.

Because the Committee on Teaching of Chemistry had not met in conjunction with the General Assembly at Warsaw (1977) nor would it be meeting at Davos, the Officers had felt unable to approve a request to hold the 1981 meeting in USA. That decision was endorsed by the Executive Committee: CTC should meet at Leuven in 1981, but a location in USA for 1982 would receive favourable consideration.

5.3/79 Reconsideration of Policy for All IUPAC Bodies to Meet at General Assembly (see 5.2/78 - 39th Bureau)

Prof. Zollinger reported a poor response from National Adhering Organizations and IUPAC bodies of suggestions for improving the financial situation of the Union. An evaluation of the replies had led Prof. Horn and himself to the conclusion that by voluntary reduction of membership of Commissions and Divisions, and by organizing their meetings well in advance and in conjunction with scientific symposia (allowing Titular Members to get travel costs paid partly or completely from sources other than IUPAC), the financial situation would be improved sufficiently to allow initiation of new activities.

A draft letter conveying these guidelines was approved by the Executive Committee for distribution to Officers of Commissions and Divisions under signature of the President. If voluntary reduction of membership was ineffective, then changes to the statutes should be recommended for 1981.

5.4/79 32nd IUPAC General Assembly

An invitation to host the 1983 General Assembly at the Technical University of Denmark in Lyngby was under consideration by the Danish National Committee of Chemistry.

6/79 RELATIONS WITH OTHER ORGANIZATIONS

6.1/79 Collaboration with International Organization for Standardization (see 7.1/78 - 39th Bureau)

ISO had made suggestions to improve its future flow of reactions to comments from IUPAC experts on draft ISO International Standards. Nevertheless, the Union had insisted on receiving answers in some specific instances from 1976 so that collaboration from IUPAC bodies might be restimulated.

6.2/79 ICSU

6.2.1/79 17th ICSU General Assembly (Athens, 78.09.24-29)

Reports were considered from Prof. Smets arising from his participation in the 1978 ICSU General Assembly and some subsequent meetings.

In order to take advantage of changes in allocation of the UNESCO subvention beginning in 1980, it was agreed that the President should submit detailed budgetary justifications to ICSU for consideration of funding of a number of special projects already identified within IUPAC.

Through his membership of an ad hoc Group studying ways in which the organizational structure of ICSU might be adapted to meet the changing patterns and needs of science, Prof. Smets was seeking to emphasize the importance of IUPAC relative to that of many smaller scientific unions.

An ad hoc Group on Energy, in which Prof. Smets was actively involved, was attempting to define a limited number of objectives to be pursued and to determine the possible role of ICSU in these matters.



The Executive Committee was concerned that notification had only just been received by the Treasurer of a contract being drawn up between ICSU and UNESCO for funding a project on locally-produced equipment and experiments for chemistry teaching by the IUPAC Committee on Teaching of Chemistry. Enquiries should be made as to why an Officer of the Union had not been involved at an earlier stage.

6.2.2/79 11th ICSU General Committee (Brussels, 79.07.01-05)

The Executive Committee was in favour of supporting an application from the International Union of Forestry Research Organizations for Scientific Associate Status of ICSU.

6.2.3/79 ICSU Abstracting Board (see 7.2.3/78 - 39th Bureau)

A copy of the International Serials Catalogue, the first part of the Aggregate List, was available at the meeting. Some obvious errors were detected by Prof. Ourisson in the book and ICSU-AB advertising brochure, which would be communicated to Dr. J. W. Barrett.

Contrary to the views expressed by Drs. H. Grunewald and A. Kolb, the Executive Committee noted that Dr. K. L. Loening and Mr. D. Baker (Chemical Abstracts Service) were strongly in favour of continued IUPAC participation in ICSU-AB. Prof. Horn asked that Dr. Barrett should reply to criticisms raised in a recent letter from Mr. J. C. Rigg.

Dr. Barrett should be invited to report to the Bureau at Davos on the progress of various ICSU-AB projects.

6.2.4/79 ICSU Scientific Committee on Problems of the Environment  
(see 7.2.4/78 - 39th Bureau)

Prof. Smets reported that he had nominated Dr. H. Egan as a candidate for election to the SCOPE Executive Committee at the 4th SCOPE General Assembly (Stockholm, 79.06.11-15).

Recent correspondence from Dr. Egan had indicated that SGMSEC was developing only slowly, but apparently in conjunction with SCOPE and the WHO Environmental Chemicals Programme; and that he did not at present intend to recommend the appointment of members to the IUPAC Committee on SCOPE.

6.2.5/79 ICSU Scientific Committee on Oceanic Research

The need for any formal representation of the Union on SCOR was reviewed and found to be unnecessary. Some liaison would be beneficial to both organizations through which to explore coverage of chemicals and chemistry of the oceans. Dr. E. I. Hamilton (Commission on Water Quality) was nominated as the IUPAC person responsible for undertaking liaison with SCOR and to provide an interface for the exchange of information, etc.

6.3/79 IUB-IUPAB-IUPAC Commission on Biothermodynamics

The decision of the Bureau (see 7.3/78 - 39th Meeting) was reaffirmed. As the contact person for the three Unions, Dr. W. J. Whelan should decide on the level of subsistence for meetings, then charge IUPAC for one-third of the total travel and subsistence costs of the six regular members.

6.4/79 Iranian Chemical Society

An application (dated 78.09.20) was considered for membership of the Union (Category D) by the Iranian Chemical Society. In view of the changed situation in Iran, the Executive Secretary was asked to enquire about the present status of the Society and whether it still wished to proceed with the application.

## 7/79 NOMINATIONS OF NEW OFFICERS AND MEMBERS OF IUPAC BODIES

### 7.1/79 Ratification of Nominations Approved by Correspondence

The nominations of new Officers (Bylaw 4.303) and Members (Bylaw 4.304) of IUPAC bodies, approved through correspondence by the President since the 39th Bureau meeting (see Appendix B), were ratified by the Executive Committee.

### 7.2/79 Nominations of New Officers and Members

The following nominations (Bylaws 4.303 and 4.304) for the Commission on Polymer Characterization and Properties, supported by the President of the Macromolecular Division, were approved by the Executive Committee:

Secretary and Titular Member (1977-1981) - Dr. R. E. Wetton (UK)  
to replace Prof. G. Allen  
(resigned)

Titular Members (1977-1981)

[ Dr. D. T. Clark (UK)  
Dr. G. C. Eastmond (UK)  
Prof. G. Hinrichsen (FRG)

With regard to possible participation as an observer of Prof. I. M. Papisov in the Commission on Macromolecular Nomenclature meeting at Davos, it was noted that his travel expenses were guaranteed by Academy of Sciences of USSR. The Executive Committee approved a request from Prof. V. A. Kabanov for subsistence (4 days) to be paid from the 1979 Macromolecular Division contingency fund.

### 7.3/79 Involvement of Younger Chemists in IUPAC Affairs

The three-year trial period of operation of the Younger Chemists Scheme was reviewed (see 13/75, 34th Bureau - Madrid). There had been excellent support from UK and USA, some support from Denmark, and Switzerland was taking action for Davos. Unfortunately the funding in UK from the Wates Foundation would cease shortly. The Executive Committee would recommend the Bureau to ask National Adhering Organizations to continue their efforts to support the participation of younger chemists as observers at future meetings of IUPAC Commissions.

### 7.4/79 Commissions on Food Chemistry and Pesticide Chemistry

Requests were considered for an extended number of Associate Members for the proposed Commission on Food Chemistry and an extended number of both Titular and Associate Members for the proposed Commission on Pesticide Chemistry. The Executive Committee would recommend to Council via the Bureau that in order to fulfil their commitments the two Commissions be allowed a maximum of twelve Associate Members for an initial period, but the Titular Membership must be restricted to eight.

## 8/79 SPONSORSHIP: REPRESENTATION, SPONSORSHIP, SUBVENTION

### 8.1/79 Ratification of Sponsorships Approved by Correspondence

The sponsorship of symposia, approved by the President by correspondence since the 39th Bureau meeting (see Appendix C), was ratified by the Executive Committee.

### 8.2/79 Ratification of Official Representatives to Symposia in 1978 and 1979

The appointments of official representatives of IUPAC to its sponsored symposia in 1978 and 1979, as made by the President through correspondence since the

39th Bureau meeting (see Appendix D), were ratified by the Executive Committee.

8.3/79 Names for Elements 104, 105 and for 106 Onwards  
(see 3.2/78 - 39th Bureau)

The Executive Secretary reported that the Bureau recommendation for the title of the symposium had been conveyed to Prof. G. N. Flerov, together with an advance information questionnaire in respect of an application for IUPAC sponsorship. No reply had yet been received.

8.4/79 50th Anniversary of USSR Institute of Chemical Physics

An advance information questionnaire for the International Symposium on Chemical Physics (Moscow and Yerevan, 81.10.01-07) was tabled by Prof. Emanuel and would be referred for the advice of the Physical Chemistry Division.

8.5/79 International Symposium on New Frontiers in Polymer Chemistry and Polymer Applications (Madras, 80.01.07-11)

After considering the draft budget for the meeting, the Executive Committee agreed (6 in favour, 2 abstentions) to grant US-\$1 500 as a contribution towards the travel funds for invited foreign scientists.

8.6/79 VIIth International Fermentation Symposium (London/Canada, 80.07.20-25)

The Executive Committee regretted that past history regarding publication of material from this series had forced the Union once again to waive its publication rights. The Secretary General would ask the Organizers of the VIIth Symposium not to preclude the possibility of IUPAC publishing the plenary lectures in PAC even if a separate proceedings volume was desired.

8.7/79 Financial Aspects of Symposia

The attention of the Executive Committee had been drawn to the higher registration fees which were an almost inevitable consequence of the involvement of a convention bureau rather than volunteer effort in arrangements for symposia. The Executive Secretary was instructed, when mailing out an advance information questionnaire in future, to ask symposia organizers about the level of registration fee and whether a special rate was envisaged for younger chemists. The matter should also be discussed at the meeting of Section/Division Presidents in Davos.

8.8/79 Late Applications for Sponsorship

It was the stated policy of the Union that symposia organizers applying for IUPAC sponsorship should submit a completed advance information questionnaire preferably two years before an actual meeting. Prof. Smets had therefore been reluctant to sign a sponsorship-granting letter merely five months before a meeting (the AIQ had been received two months earlier). The Executive Committee agreed that, in general, a completed AIQ must be returned not later than one year in advance, any exceptions to be judged on their merits by the President.

9/79 PUBLICATION MATTERS

9.1/79 Status Report on New IUPAC News Journal

A paged dummy of the first issue of the IUPAC Information Bulletin prepared by Dr. M. Gellender (scheduled June 1979) was tabled for inspection by the Executive Committee. Considerable transformation in content and style was evident from the new format Bulletin introduced in 1978. The intention was

to convert to an interesting and readable, general magazine for chemists throughout the world.

Minutes of IUPAC Commission meetings were not now included even in synopsis form, and Dr. Cairns drew attention to Bylaw 3, which required that an official report (Comptes Rendus) be published for each General Assembly. The material from Warsaw had been issued in Inf. Bull. Nos. 1 and 2 (1978), mostly in synopsis form. The Publications Committee should consider at Davos how to deal with the matter for the 1979 General Assembly.

9.2/79 Publication of Tentative Recommendations on Nomenclature and Symbols

Prof. Ourisson reported that in order to leave the Information Bulletin entirely free for development as a news medium, Dr. H. Grunewald (Chairman, Publications Committee) and he had decided tentative recommendations on nomenclature and symbols should be published in PAC starting in 1979. All scientific reports from Commissions, other than data and chemical reference books, were now concentrate in the IUPAC journal.

9.3/79 Scientific Editorship of PAC

Dr. Grunewald had given notice that he was no longer able to act as Scientific Editor of PAC. Efforts were being made to identify a suitable replacement at Oxford University, which would greatly facilitate coordination with the Secretariat and Pergamon.

10/79 DATE AND PLACE OF NEXT MEETING

Friday, 7th September 1979, at Davos, Switzerland, during the 30th IUPAC General Assembly.

11/79 ANY OTHER BUSINESS

11.1/79 7th Meeting of Chemical Society Presidents (Washington, DC, 79.09.15-16)

The invitation (79.02.16) of the President of the American Chemical Society to the incoming President and Executive Secretary of IUPAC to take part in the Meeting was discussed. It was decided that due to the rather tight financial situation and so as to keep travel expenses as low as possible, IUPAC should be represented in Washington by Prof. Overberger.

VOTES OF THANKS

Sir Derek Barton was unable to be at Davos and Prof. Smets therefore extended a hearty vote of thanks for Sir Derek's service on behalf of IUPAC in the Organic Chemistry Division, Bureau and Executive Committee over the past several years. Votes of thanks were also to be recorded to CNRS for provision of facilities and hospitality and to Comité National Français de la Chimie for provision of hospitality.

\* \* \* \* \*

CHAIRMAN: *J. Smets*

DATE: 7 September 1979

STANDING ORDERS OF EXECUTIVE COMMITTEE

REGARDING

CHEMRAWN COMMITTEE \*

Composition and Terms of Office

- (i) There shall be a standing CHEMRAWN Committee composed of a Chairman, a Secretary, and six other Members.
- (ii) The President in consultation with the Executive Committee shall appoint Members. The CHEMRAWN Committee may propose names of persons suitably qualified for appointment.
- (iii) The period of service of an ordinary Member shall be four years, renewable to a maximum of eight years.
- (iv) The Membership shall be reviewed every two years by the incoming President in consultation with the Executive Committee.
- (v) The President in consultation with the Executive Committee shall appoint the Chairman and the Secretary. The CHEMRAWN Committee may propose candidates.
- (vi) The period of service of the Chairman and of the Secretary shall not exceed eight years. The sum of the years of service as an ordinary Member and as Chairman or Secretary shall not exceed ten years.

Terms of Reference

On behalf of the President and Executive Committee:

- (i) to identify human needs amenable to solution through chemistry with particular attention to those areas of global or multinational interest,
  - (ii) to serve as an international body and forum for the gathering, discussion, advancement, and dissemination of chemical knowledge deemed useful for the improvement of man and his environment,
  - (iii) to serve as an international, nongovernmental source of advice for the benefit of governments and international agencies with respect to chemistry and its application to world needs,
- and to be responsible for organizing IUPAC activity in these areas as approved by the President and Executive Committee.

\* CHEMRAWN = Chemical Research Applied to World Needs



SPONSORSHIP OF SYMPOSIA APPROVED BY

PRESIDENT SINCE 39th BUREAU MEETING

International Symposium on Chemical Education in Developing Countries  
(Penang, Malaysia: 79.04.19-22)

Symposium on Low Molecular Weight Sulfur Compounds of Natural Occurrence  
(Rome, Italy: 79.06.18-21)

4th International Conference on Boron Chemistry  
(Salt Lake City, USA: 79.07.08-13)

International Conference on Weak Molecules  
(Quebec, Canada: 79.08.01-03)

7th International Congress of Heterocyclic Chemistry  
(Tampa/Florida, USA: 79.08.12-17)

3rd International Conference on Chemical Education  
(Dublin, Ireland: 79.08.27-31)

4th International Symposium on Plasma Chemistry/Round Table on Plasma Processing  
(Zürich, Switzerland: 79.08.27-09.01)

International Symposium on Aromaticity  
(Dubrovnik, Yugoslavia: 79.09.02-05)

International Conference on Mössbauer Spectroscopy  
(Portrose, Yugoslavia: 79.09.10-14)

International Symposium on Polymeric Amines and Ammonium Salts  
(Ghent, Belgium: 79.09.24-26)

International Symposium on Phosphorus Chemistry directed towards Biology  
(Burzenin, Poland: 79.09.25-28)

20th International Conference on Coordination Chemistry  
(Calcutta, India: 79.12.10-14)

International Symposium on New Frontiers in Polymer Chemistry & Polymer Applications  
(Madras, India: 80.01.07-11)

3rd International Congress on Industrial Waste Water & Wastes  
(Stockholm, Sweden: 80.02.07-09)

5th International Symposium on Solute-Solute-Solvent Interactions  
(Florence, Italy: 80.06.02-06)

7th International Congress on Catalysis  
(Tokyo, Japan: 80.06.30-07.04)

3rd International Symposium on Polyvinyl Chloride  
(Cleveland/Ohio, USA: June 1980)

10th International Symposium on Carbohydrate Chemistry  
(Sydney, Australia: 80.07.07-11)

5th Polish Conference on Analytical Chemistry  
(Warsaw, Poland: 80.09.01-05)

International Symposium on Macromolecules  
(Florence, Italy: 80.09.07-13)

7th Discussion Conference on Macromolecules  
(Karlový Vary, Czechoslovakia: 80.09.15-19)

21st Microsymposium on Macromolecules  
(Karlový Vary, Czechoslovakia: 80.09.22-26)

4th International Symposium on Chemistry of Nonbenzenoid Aromatic Compounds  
(Jerusalem, Israel: 81.08.30-09.04)



OFFICIAL REPRESENTATIVES OF IUPAC TO SYMPOSIA

IN 1978 AND 1979

(see also Appendix G, 90th Executive Committee  
and Appendix A, 39th Bureau)

4th International Conference on Solute-Solute-Solvent Interactions  
(Vienna, Austria: 78.09.11-15) - Dr. J. C. JUSTICE

International Symposium on Frontiers in Bioorganic Chemistry  
and Molecular Biology  
(Tashkent/Moscow, USSR: 78.09.25-10.02) - Prof. N. M. EMANUEL

International Symposium on Macromolecular Chemistry  
(Tashkent, USSR: 78.10.17-21) - Prof. G. SMETS

World Conference on Vegetable Food Protein  
(Amsterdam, Netherlands: 78.10.29-11.03) - Drs. H. J. VOS

International Symposium on University-Industry Interactions in Chemistry  
(Toronto, Canada: 78.12.05-08) - Dr. J. W. BARRETT

\* \* \* \* \*

International Symposium on Chemical Education in Developing Countries  
(Penang, Malaysia: 79.04.19-22) - Prof. C. N. R. RAO

Symposium on Low Molecular Weight Sulfur Compounds of Natural Occurrence  
(Rome, Italy: 79.06.18-21) - Prof. A. KJAER

4th International Conference on Boron Chemistry  
(Salt Lake City, USA: 79.07.08-13) - Prof. N. N. GREENWOOD

8th International Mass Spectrometry Conference  
(Oslo, Norway: 79.08.12-18) - Prof. J. H. BEYNON