

INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY

MINUTES OF 48th MEETING OF BUREAU

Danmarks Tekniske Højskole, Lyngby: 26th August 1983

Present: Dr. W. G. Schneider (Chairman), Dr. J. W. Barrett, Prof. A. D. Campbell, Dr. W. Graulich, Prof. Y. Jeannin, Prof. A. Kjaer, Prof. V. A. Koptyug, Prof. J. Michalski, Prof. S. Nagakura, Prof. C. G. Overberger, Prof. C. N. R. Rao, Prof. D. B. Tonks, Prof. A. A. Vlček, Prof. H. Gg. Wagner, Prof. T. S. West (Elected Members); Prof. C. H. Bamford, Dr. Mary L. Good, Dr. D. R. Lide, Jr., Prof. G. Modena, Prof. F. Pellerin, Prof. F. W. Sunderman, Jr. (Division Presidents)

Absent: Dr. A. J. Arvía (Elected Member); Dr. H. Frehse (Division President)

In Attendance: Prof. A. Björkman (Treasurer-Elect), Dr. M. Williams (Executive Secretary), Miss A. Troughton (Deputy Executive Secretary)

15/83 INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Dr. Schneider welcomed the new Members to their first Bureau meeting. Dr. Frehse had apologized for his absence: he had left Lyngby the previous day and been unable to send a deputy from the Applied Chemistry Division.

The agenda drawn up by the Executive Secretary was approved and the President agreed that other matters should be raised for discussion under "Any Other Business".

16/83 ELECTION OF ONE EXECUTIVE COMMITTEE MEMBER

The President reminded the Bureau that, in accordance with Statute 8.2, Profs. Michalski and Overberger would continue as Elected Members of the Executive Committee until 1985. There was one vacancy arising from the completion of period of service on the Bureau of Prof. A. Perez-Masiá.

Two candidates were proposed and agreed to stand (Prof. Wagner declined a proposal to stand). In a written and secret ballot:

Prof. Y. Jeannin	13
Prof. V. A. Koptyug	6

Total voting 21, simple majority 11 (2 abstentions)

Prof. Jeannin was declared elected to fill the vacancy.

17/83 APPROVAL OF NEW MEMBERS OF DIVISION COMMITTEES AND COMMISSIONS

Noting its acceptance at Lyngby (Minute 3.2/83, 47th Meeting) of the Executive Committee recommendation not to lift the current restriction of six Titular Members for Commissions/eight Members for Division Committees and the omission from Appendix A of Dr. V. A. Medvedev (1977-1985) as a Titular Member of Commission I.2, the Bureau resolved that:

- (i) the nominations in Appendix A for new Members of Division Committees should be approved, the terms of service to be four years (Bylaw 4.103 and Minute 16/79, 30th Council - Davos);
- (ii) the nominations in Appendix A for new Titular and Associate Members of Commissions should be approved, the terms of service to be four years (Bylaw 4.304);
- (iii) the proposals in Appendix A for Re-election of Titular and Associate Members to Commissions for a further two or four years in the same category of membership (Bylaw 4.304) should be approved;
- (iv) the proposals in Appendix A for new Officers of Commissions (Bylaw 4.303) should be approved;
- (v) an increase in the number of Associate Members above that of Titular Members should be allowed (Bylaw 4.304) until 1985 for Commissions I.2 (to 11), I.3 (to 12), I.5 (to 9), I.6 (to 7), II.1 (to 9), II.2 (to 10), II.3 (to 12), III.1 (to 12), III.2 (to 8), IV.1 (to 10), IV.2 (to 8), V.1 (to 8), V.2 (to 12), V.3 (to 12), V.4 (to 12), V.5 (to 12), V.6 (to 12), V.8 (to 12), VI.1 (to 8), VI.3 (to 12), VI.5 (to 12), VII.3 (to 8);
- (vi) for exceptional reasons (Bylaw 4.304) proposed by Dr. Good, the Titular Membership of Dr. I. L. Barnes on Commission II.1 should be extended until 1985 (as project coordinator of the work on feasibility study of atomic weight uncertainties), and the Associate Membership of Dr. H. S. Peiser to be extended similarly (to complete publication of the element by element review);
- (vii) for exceptional reasons (Bylaw 4.304) proposed by Dr. Good, the Titular Membership of Prof. Y. Jeannin on Commission II.2 should be further extended until 1985 (to ensure continuity in leadership through to publication of the new edition of Nomenclature of Inorganic Chemistry, expected in 1985), and that of Dr. G. J. Leigh to be further extended similarly (as editor of the new edition of Nomenclature of Inorganic Chemistry);
- (viii) for exceptional reasons [see above and Bylaw 4.304 (ii)] proposed by Prof. Modena, seven Titular Members should be allowed on Commission III.2 during 1983-5 (Profs. G. Illuminati and K. Schwetlick would retire in 1985, thereby enabling there to be a reduction to six Titular Members, and Prof. V. Gold should be reappointed a Titular Member on the Commission until 1985 (to become Chairman);
- (ix) for exceptional reasons [see above and Bylaw 4.304(ii)] proposed by Prof. Pellerin, Commission V.2 should be allowed during 1983-5 either to have seven Titular Members including Prof. K. Biemann (to help start some work on organic trace analysis) but not to have Prof. G. H. Morrison as an Associate Member (he had already served a total of fourteen years on the Commission), or to have six Titular Members excluding Prof. Biemann but to have Prof. Morrison as an Associate Member (to help start some work on organic trace analysis), and in either case not to permit more than twelve Associate Members;
- (x) for exceptional reasons (Bylaw 4.304) proposed by Prof. Pellerin, the Associate Membership of Prof. C. Th. J. Alkemade on Commission V.4 should be extended until 1985 (he was involved in four projects to be completed by then), but not to permit more than twelve Associate Members;

- (xi) for exceptional reasons (Bylaw 4.304) proposed by Prof. Pellerin, the Associate Membership of Prof. H. W. Nürnberg on Commission V.5 should be extended until 1985 (he had already served two four-year periods as an Associate Member plus eight years as a Titular Member, but was coordinator of the Division project on trace metals in water, of which the first draft was expected in the next biennium);
- (xii) without the support of Prof. Sunderman, Mr. J. C. Rigg should not be reappointed as an Associate Member on Commission VII.2 until 1985;
- (xiii) for exceptional reasons (see above) proposed by the relevant Division Presidents, eight Titular Members should be allowed on Commissions II.2, III.1, and IV.1 during 1983-5 (to expedite progress on major and extensive nomenclature projects);
- (xiv) for exceptional reasons (see above) proposed by Dr. Good, seven Titular Members should be allowed on Commission II.3 during 1983-7 (to expedite progress in various project work);
- (xv) for exceptional reasons (see above) proposed by Prof. Bamford, seven Titular Members should be allowed on Commission IV.2 during 1983-5 (project work done in collaboration with six working parties, a cost effective mechanism for IUPAC);
- (xvi) for exceptional reasons proposed by Prof. Sunderman, six Titular Members should be allowed on Commission VII.4 during 1983-5 (because Prof. D. B. Tonks was also a Bureau Member, no extra travel costs would be needed for Lyon; as the Chairman of the Subcommittee on Toxicology of Selenium, Dr. Y. Thomassen should become the sixth Titular Member, thereby avoiding an increase in the number of Associate Members above that of Titular Members);
- (xvii) for exceptional reasons (see above), nine Members should be allowed on the Analytical Chemistry Division Committee during 1983-5 (for conformity with Bylaw 4.104 the Division Secretary, Prof. G. den Boef, should be a Division Committee Member rather than a Coopted Member);
- (xviii) the nominations of Prof. R. Alberty (Commission I.1), Prof. J. Koryta (Commission I.3), Dr. A. B. Bradshaw (Commission I.5), Prof. S. Forsen (Commission I.5), Prof. M. Sienko (Commission II.2), Prof. L. H. E. Kihlberg (Commission II.3), Prof. H. Yanagida (Commission II.3), Dr. A. Heller (Commission III.3), Prof. C. B. Moore (Commission III.3), Prof. E. M. Pearce (Macromolecular Division Committee), Prof. K. Biemann (Commission V.2), Prof. Perkampüs (Commission V.4), Dr. P. P. Gray (Commission VI.2), Prof. M. Linko (Commission VI.2), were approved subject to the relevant Division Presidents obtaining the agreement of these persons to serve (Bylaw 4.304).

18/83 ARRANGEMENTS FOR SUSPENDED COMMISSIONS

The President referred to the decision of Council [Minute 20(iv)/83, 32nd Meeting - Lyngby] to delegate its authority to the Bureau (Executive Committee) to receive after Lyngby written proposals and if found acceptable to re-establish the following Commissions "suspended" at Leuven:

Medicinal Chemistry (III.4)
Analytical Radiochemistry and Nuclear Materials (V.7)
Atmospheric Environment (VI.4)
Water Quality (VI.6)

- (i) Commission III.4. Prof. Modena proposed the following membership for a new Working Party (Minute 8.3/82, 46th Bureau - Prague):

Prof. C. G. Wermuth (Convenor)
Dr. W. Bartmann
Dr. A. Brossi
Prof. S. Sarel

and the discussions should involve COCI, Clinical Chemistry Division, IUPHAR, and International Committee on Medicinal Chemistry. The Working Party would be charged to come forward by June 1984 with:

- a. A definition of medicinal chemistry
- b. A listing of "IUPAC minded" projects
- c. Suggestions for membership of a re-established Commission

From his personal contact with IUPHAR, Dr. Schneider said that it was clear they wished to finance a participant. Prof. Sunderman, as a pharmacologist, offered to represent the Clinical Chemistry Division. The Bureau approved the proposed Working Party subject to its enlargement to six members.

- (ii) Commission V.7. Prof. Pellerin said that a Working Party had met twice in 1982 (Minute 8.3/82, 46th Bureau - Prague). It had suggested a new title for the Commission: "Radiochemistry and Nuclear Techniques" and identified a number of projects for an initial working programme.

In his 1982-3 critical assessment of IUPAC projects and programmes, Dr. Schneider had considered that the conclusions and recommendations of the Working Party were convincing and reasonable. He had recommended that the Analytical Chemistry Division should be designated as "lead" Division for a new Interdivisional Commission on Radiochemistry and Nuclear Techniques.

After considering some suggestions from Prof. Pellerin for the initial membership of the new Interdivisional Commission, the Bureau approved a composition of six Titular and six Associate Members, with not more than three Titular Members to be experts in radioanalytical chemistry. Prof. J. C. White was proposed as Chairman and the names of the other candidates should be conveyed to the Executive Committee for consideration at its meeting in spring 1984.

19/83 DATE AND PLACE OF NEXT MEETING

An invitation (83.8.22) was tabled from Prof. B. Baranowski, Chairman of the Polish National Committee of Chemistry, for the Bureau to meet at Kraków in 1984. The Executive Secretary was requested to speak to Prof. Baranowski at the Meeting of Chemical Society Presidents in Copenhagen the following day about financial arrangements for Kraków.

As a trial prior to the General Assembly at Lyon, the Bureau recommended that the Executive Committee should not meet at Kraków. The schedule should consist of a half-day meeting of the Division Presidents and two full days for the Bureau, tentatively during 10th-12th September 1984.

20/83 ANY OTHER BUSINESS

20.1/83 Advisory Committee on Chemical Data Bases

The President repeated his concern for finance to be made available so that the Advisory Committee could meet urgently and begin its deliberations (Minute 10/83, 47th Bureau - Lyngby). In addition to the grant from ICSU (Minute 12.2/83, 47th Bureau), some money might be forthcoming from CODATA, but IUPAC would need to provide the rest.

20.2/83 31st IUPAC Congress (Sofia, Bulgaria: 1987)

At the suggestion of Prof. Modena, it was agreed to invite the organizers to submit their suggested themes for the scientific programme for consideration by the Division Presidents/Bureau in September 1984. This would enable IUPAC to influence the programme prior to availability of the published announcement at Lyon.

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CHAIRMAN: *H. J. Schneider*

DATE: *16/9/84*

I PHYSICAL CHEMISTRY DIVISION

Division Committee

President

1979-1987 Dr. D.R. Lide, Jr.

Vice-President

1979-1987 Prof. K.I. Zamaraev

Past-President

1975-1985 Prof. N. Sheppard

Secretary

1977-1985 Dr. E.D. Becker

Members

1981-1985 Dr. K.N. Marsh

1981-1985 Dr. R. Parsons

1981-1985 Prof. G.M. Schneider

1983-1987 Prof. K. Tamazu

I.1 COMMISSION ON PHYSICOCHEMICAL SYMBOLS, TERMINOLOGY, AND UNITS

Titular Members

Chairman

1979-1987 Prof. K. Kuchitsu

Secretary

1977-1985 Dr. N. Kallay

Members

1981-1985 Prof. E.T. Denisov

1979-1987 Prof. K.H. Homann

1983-1987 Prof. I.M. Mills

1981-1985 Mr. D.D. Wagman

Associate Members

1983-1987 Prof. R. Alberty

1983-1987 Dr. I. Ansara

1979-1987 Dr. E.R. Cohen

1979-1987 Prof. A. Schuyff

1977-1985 Prof. D.H. Whiffen

I.2 COMMISSION ON THERMODYNAMICS

Titular Members

Chairman

1975-1985 Prof. G.M. Schneider

Secretary

1977-1985 Dr. S. Angus

Members

1983-1987 Prof. R.D. Freeman

1983-1987 Prof. G. Somsen

1977-1985 Prof. W. Zielenkiewicz

Associate Members

1983-1987 Prof. J.M.G. Barthel

1983-1987 Prof. J.C.G. Calado

1981-1985 Dr. M.B. Ewing

1981-1985 Dr. H.V. Kehiaian

1983-1987 Prof. I.L. Khodakovskii

1981-1985 Prof. P.A.G. O'Hare

1981-1985 Dr. Gerd Olofsson

1983-1987 Prof. J. Pick

1981-1985 Prof. Margit T. Rätzsch

1981-1985 Dr. J. Rouquérol

1981-1985 Prof. H. Suga

I.3 COMMISSION ON ELECTROCHEMISTRY

Titular Members

Chairman

1975-1985 Prof. S. Trasatti

Secretary

1977-1985 Dr. K. Niki

Members

1983-1987 Prof. L.R. Faulkner

1983-1987 Prof. G. Gritzner

1983-1987 Prof. D. Landolt

1983-1987 Dr. R. Memming

Associate Members

1979-1987 Dr. J.N. Agar

1983-1987 Dr. A. Bewick

1979-1987 Prof. E. Budevski

1983-1987 Prof. K.E. Heusler

1983-1987 Dr. J.C. Justice

1983-1987 Prof. J. Koryta

1983-1987 Prof. V.M.M. Lobo

1979-1987 Dr. B. Miller

1981-1985 Dr. R. Parsons

1983-1987 Prof. O.A. Petrii

1979-1987 Dr. J.A. Plambeck

1983-1987 Dr. G. Wilson

(only to be appointed if
Prof. Koryta unwilling
to serve)

1983-1987 Dr. A. Yamada

I.5 COMMISSION ON MOLECULAR STRUCTURE AND SPECTROSCOPY

Titular Members

Chairman

1981-1987 Prof. J.R. Durig

Secretary

1983-1987 Dr. H.A. Willis

Members

1983-1987 Dr. A.B. Bradshaw

1983-1987 Dr. B.G. Derendjaev

1983-1987 Prof. S. Forsen

1979-1987 Dr. J.F.J. Todd

Associate Members

1983-1987 Prof. R.D. Brown

1977-1985 Dr. Jeannette G. Grasselli

1981-1985 Dr. R.K. Harris

1983-1987 Dr. H. Kon

1983-1987 Prof. Yu. N. Molin

1981-1985 Prof. W.B. Person

1979-1985 Prof. H. Ratajczak

1981-1985 Prof. C.J.H. Schutte

1981-1985 Prof. M. Tasumi

I.6 COMMISSION ON COLLOID AND SURFACE CHEMISTRY INCLUDING CATALYSIS

Titular Members

Chairman

1983-1987 Prof. K.S.W. Sing

Vice-Chairman

1977-1985 Prof. J. Haber

Secretary

1979-1987 Prof. E. Wolfram

Members

1983-1987 Prof. J.H. Block

1983-1987 Dr. P. Stenius

1983-1987 Dr. Lisbeth Ter-Minassian-Saraga

Associate Members

1979-1987 Dr. N. Churaev

1977-1985 Dr. P.C. Gravelle

1983-1987 Prof. J. Hightower

1979-1987 Prof. R.J. Hunter

1983-1987 Dr. A. Maroto

1983-1987 Dr. J. Rouquérol

1983-1987 Prof. P. Wells

II INORGANIC CHEMISTRY DIVISION

Division Committee

President

1979-1985 Dr. Mary L. Good

Vice-President

1977-1985 Prof. Kazuo Saito

Secretary

1981-1985 Prof. E. Fluck

Members

1983-1987 Prof. M.T. Beck

1983-1987 Dr. R. Hagemann

1981-1985 Dr. J. Hlaváček

1983-1987 Prof. A.B.P. Lever

1983-1987 Prof. A. Sargeson

II.1 COMMISSION ON ATOMIC WEIGHTS AND ISOTOPIC ABUNDANCES

Titular Members

Chairman

1975-1985 Prof. R.L. Martin

Secretary

1983-1987 Dr. J.R. de Laeter

Members

1979-1987 Prof. R.C. Barber

1975-1985 Dr. I.L. Barnes

1979-1987 Dr. T.J. Murphy

1983-1987 Prof. Q. Zhang

Associate Members

1981-1985 Prof. P. de Bièvre

1983-1987 Dr. T. Coplen

1983-1987 Dr. K. Heumann

1983-1987 Dr. N.E. Holden

1981-1985 Prof. W.H. Johnson

1975-1985 Dr. H.S. Peiser

1983-1987 Dr. C.É. Rees

1983-1987 Dr. K. Rosman

1981-1985 Dr. M. Shima

II.2 COMMISSION ON NOMENCLATURE OF INORGANIC CHEMISTRY

Titular Members

Chairman

1971-1985 Prof. Y. Jeannin

Vice-Chairman

1979-1987 Prof. D.H. Busch

Secretary

1979-1987 Dr. T.D. Coyle

Members

1979-1987 Prof. E. Fluck

1979-1987 Dr. Piroska Fodor-Csányi

1973-1985 Dr. G.J. Leigh

1979-1987 Prof. J. Reedijk

1981-1985 Dr. E. Samuel

Associate Members

1983-1987 Dr. M.W.G. de Bolster

1979-1985 Dr. K.Ch. Buschbeck

1981-1987 Prof. J.A. Connor

1979-1987 Mr. E.W. Godly

1981-1985 Dr. R. Laitinen

1981-1985 Prof. R.C. Mehrotra

1981-1985 Prof. J.F. Nixon

1981-1985 Dr. K. Samuelsson

1983-1987 Prof. M. Sienko

1979-1987 Mr. T.E. Sloan

II.3 COMMISSION ON HIGH TEMPERATURE AND SOLID STATE CHEMISTRY

Titular Members

Chairman

1977-1985 Prof. K.L. Komarek

Secretary

1977-1985 Prof. P.W. Gilles

Members

1977-1985 Dr. Anne-Marie Anthony

1979-1987 Prof. L.V. Gurvich

1983-1987 Prof. R. Metselaar (if he is not permitted to be a Titular Member he is proposed as an Associate Member)

1979-1985 Prof. G. Petzow

1979-1987 Dr. M.H. Rand

Associate Members

1979-1985 Prof. C.B. Alcock

1983-1987 Dr. J. Corish

1979-1985 Dr. J.-P. Coutures

1981-1985 Prof. J. Drowart

1977-1985 Prof. E. Fitzer

1981-1985 Dr. J. Hastie

1979-1987 Dr. M.G. Hocking

1983-1987 Prof. L.H.E. Kihlborg (if Prof. Metselaar is appointed an Associate Member Prof. Kihlborg would make the 13th Associate Member)

II.3 COMMISSION ON HIGH TEMPERATURE AND SOLID STATE CHEMISTRY

1973-1985 Dr. R.W. Ohse
1977-1985 Prof. R. Sersale
1977-1985 Prof. W.L. Worrell
1983-1987 Prof. H. Yanagida

III ORGANIC CHEMISTRY DIVISION

Division Committee

President
1975-1985 Prof. G. Modena

Vice-President
1977-1985 Prof. J.F. Bunnett

Past-President
1977-1985 Prof. J. Mathieu

Secretary
1981-1987 Dr. Sukh Dev

Members
1981-1985 Prof. N.J. Leonard
1983-1987 Prof. M. Oki
1981-1985 Prof. M. Protiva
1983-1987 Prof. R.A. Rossi

III.1 COMMISSION ON NOMENCLATURE OF ORGANIC CHEMISTRY

Titular Members

Chairman

1977-1985 Dr. G.P. Moss

Vice-Chairman

1979-1987 Prof. D. Hellwinkel

Secretary

1979-1987 Dr. W.H. Powell

Members

1979-1987 Prof. O. Achmatowicz

1979-1987 Dr. A.D. McNaught

1981-1985 Prof. R. Panico

1979-1987 Prof. J.C. Richer

1983-1987 Prof. P.A.S. Smith

Associate Members

1979-1987 Dr. K. Bláha

1983-1987 Prof. H.J.T. Bos

1981-1985 Dr. A.J. Boulton

1983-1987 Dr. P.M. Giles, Jr.

1979-1987 Mr. E.W. Godly

1983-1987 Dr. H. Gutmann

1983-1987 Dr. K. Hirayama

1979-1985 Mr. S.P. Klesney

1979-1987 Prof. N. Lozac'h

III.1 COMMISSION ON NOMENCLATURE OF ORGANIC CHEMISTRY (contd.)

1981-1985 Prof. J. Rigaudy

1981-1985 Mr. R. Schoenfeld

1979-1987 Dr. O. Weissbach

III.2 COMMISSION ON PHYSICAL ORGANIC CHEMISTRY

Titular Members

Chairman

1983-1987 Prof. V. Gold

Secretary

1981-1985 Dr. R.A.Y. Jones

Members

1981-1985 Prof. E.A. Halevi

1977-1985 Prof. G. Illuminati

1981-1985 Prof. W.P. Jencks

1981-1985 Prof. O.M. Nefedov

1977-1985 Prof. K. Schwetlick

Associate Members

1983-1987 Prof. J.F. Bunnett

1979-1987 Prof. M.P. Doyle

1977-1985 Prof. R.D. Guthrie

1979-1987 Dr. J.S. Littler

1977-1985 Prof. J. March

1981-1985 Prof. P. Müller

1981-1985 Dr. J.R. Penton

1981-1985 Dr. J. Toullec

III.3 COMMISSION ON PHOTOCHEMISTRY

Titular Members

Chairman

1975-1985 Prof. F.C. De Schryver

Secretary

1983-1987 Prof. S.E. Braslavsky

Members

1977-1985 Prof. K.N. Houk

1983-1987 Prof. H. Iwamura

1981-1985 Prof. J. Michl

1979-1987 Prof. K. Tokumaru

Associate Members

1981-1985 Dr. D.F. Eaton

1983-1987 Dr. A. Heller

1981-1985 Dr. M.G. Kuzmin

1983-1987 Prof. C.B. Moore

1977-1985 Prof. C. Sandorfy

1981-1985 Prof. F. Wilkinson

IV MACROMOLECULAR DIVISION

Division Committee

President

1975-1985 Prof. C.H. Bamford

Vice-President

1979-1985 Prof. T. Saegusa

Secretary

1977-1985 Prof. M. Mandel

Members

1983-1987 Dr. P.L. Clegg

1983-1987 Prof. W. Heitz

1983-1987 Prof. E.M. Pearce

1981-1985 Prof. N.A. Platé

1983-1987 Prof. P. Sigwalt

IV.1 COMMISSION ON MACROMOLECULAR NOMENCLATURE

Titular Members

Chairman

1975-1985 Prof. A.D. Jenkins

Secretary

1977-1985 Dr. N.M. Bikales

Members

1977-1985 Prof. G. Allegra

1983-1987 Dr. R. Bareiss

1979-1987 Dr. P. Kratochvíl

1979-1987 Prof. I. Mita

1979-1987 Prof. I.M. Papisov

1981-1985 Prof. U.W. Suter

Associate Members

1981-1985 Prof. D. Braun

1983-1987 Prof. J.M.G. Cowie

1977-1985 Dr. L.G. Donaruma

1983-1987 Prof. M. Farina

1977-1985 Dr. K.L. Loening

1983-1987 Dr. R.H. Marchessault

1983-1987 Prof. R. Quirk

1981-1985 Prof. Marguerite Rinaudo

1983-1987 Prof. P. Sigwalt

1981-1985 Prof. L.-O. Sundelöf

IV.2 COMMISSION ON POLYMER CHARACTERIZATION AND PROPERTIES

Titular Members

Chairman

1975-1985 Dr. P.L. Clegg

Secretary

1977-1985 Dr. R.E. Wetton

Members

1981-1985 Prof. L. Dulog

1977-1985 Dr. G.C. Eastmond

1977-1985 Prof. G. Hinrichsen

1983-1987 Dr. H.H. Meyer

1983-1987 Mr. P. Starck

Associate Members

1979-1985 Prof. Sir Geoffrey Allen

1983-1987 Dr. B.C. Anderson

1981-1985 Dr. J.W. Barrett

1979-1985 Prof. G.W. Becker

1977-1985 Prof. H. Benoit

1981-1985 Prof. V.A. Kabanov

1983-1987 Prof. J.C. Seferis

1977-1985 Dr. A.J. de Vries

V ANALYTICAL CHEMISTRY DIVISION

Division Committee

President

1975-1985 Prof. F. Pellerin

Vice-President

1981-1985 Prof. G.H. Nancollas

Secretary

1983-1987

(The proposed Secretary of the Division for 4 years is Prof. G. den Boef but he is a Coopted Member of the Division Committee)

Members

1983-1987 Prof. J.F. Coetzee

1983-1987 Prof. H. Freiser

1983-1987 Prof. G.G. Guilbault

1983-1987 Prof. Y. Marcus

1983-1987 Prof. J. Robin

1983-1987 Prof. G. Tölg

V.1 COMMISSION ON ANALYTICAL REACTIONS AND REAGENTS

Titular Members

Chairman

1977-1985 Prof. G. Ackermann

Secretary

1983-1987 Prof. D. Thorburn Burns

Members

1979-1987 Prof. S.B. Savvin

1983-1987 Prof. L. Sommer

1977-1985 Dr. W.I. Stephen

1977-1985 Prof. E. Wänninen

Associate Members

1979-1987 Prof. G. Duyckaerts

1979-1987 Prof. A. Hulanicki

1983-1987 Prof. J. Inczédy

1979-1987 Prof. F. Ingman

1981-1985 Prof. D.L. Massart

1981-1985 Dr. D.E. Ryan

1981-1985 Prof. P.C. Uden

1981-1985 Prof. K. Ueno

V.2 COMMISSION ON MICROCHEMICAL TECHNIQUES AND TRACE ANALYSIS

Titular Members

Chairman

1979-1987 Dr. B. Griepink

Secretary

1977-1985 Dr. A. Townshend

Members

1983-1987 Prof. K. Biemann

1979-1987 Prof. E. Jackwerth

1983-1987 Dr. A. Lamotte

1981-1985 Prof. Z. Marczenko

1983-1987 Prof. Yu.A. Zolotov

Associate Members

1983-1987 Prof. K. Ballschmitter

1981-1985 Prof. K. Beyermann

1983-1987 Prof. A. Burlingame

1983-1987 Prof. R. Dams

1981-1985 Prof. K. Fuwa

1979-1987 Prof. M. Grasserbauer

1983-1987 Dr. W. Gries

1977-1985 Dr. K. Heinrich

1981-1985 Prof. A. Mizuike

1983-1987 Prof. G.H. Morrison

V.2 COMMISSION ON MICROCHEMICAL TECHNIQUES AND TRACE ANALYSIS

1977-1985 Prof. J.M. Ottaway
1983-1987 Prof. G. Tolg
1983-1987 Dr. D. Wells
1983-1987 Dr. D.G. Westmoreland

V.3 COMMISSION ON ANALYTICAL NOMENCLATURE

Titular Members

Chairman

1975-1985 Dr. G. Svehla

Secretary

1977-1985 Prof. S.P. Perone

Members

1983-1987 Prof. C.A.M.G. Cramers

1979-1987 Prof. R.W. Frei

1983-1987 Prof. R.E. van Grieken

1981-1985 Prof. D. Klockow

Associate Members

1983-1987 Dr. L. Currie

1981-1985 Dr. L.S. Ettre

1981-1985 Dr. A. Fein

1981-1985 Prof. H. Freiser

1983-1987 Prof. G.G. Guilbault

1981-1985 Dr. W. Hotwitz

1981-1985 Prof. B. Kowalski

1983-1987 Dr. M.A. Leonard

1983-1987 Dr. D. Leyden

1981-1985 Prof. R.F. Martin

1981-1985 Dr. B. Schreiber

1983-1987 Prof. W. Simon

V.4 COMMISSION ON SPECTROCHEMICAL AND OTHER OPTICAL
PROCEDURES FOR ANALYSIS

Titular Members

Chairman

1975-1985 Dr. A. Strasheim

Vice-Chairman

1975-1985 Prof. K. Laqua

Secretary

1983-1987 Dr. L.R.P. Butler

Members

1983-1987 Dr. J.M. Mermet

1977-1985 Dr. I. Rubeš^ˇka

1983-1987 Dr. Christiane S^én^emaud

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1975-1985 Prof. C.Th.J. Alkemade

1981-1985 Prof. H. Ebel

1983-1987 Prof. G.M. Hieftje

1981-1985 Dr. G.F. Kirkbright

1983-1987 Prof. B.V. L'vov

1981-1985 Prof. R. Manne

1983-1987 Dr. W.H. Melhuish

1983-1987 Dr. N.S. Nogar

1983-1987 Prof. Perkamp^ũs

1977-1985 Prof. E. Pl^ško

V.4 COMMISSION ON SPECTROCHEMICAL AND OTHER OPTICAL
PROCEDURES FOR ANALYSIS

1981-1985 Prof. J. Robin

1981-1985 Dr. A.M. Ure

1983-1987 Prof. M. Zander

V.5 COMMISSION ON ELECTROANALYTICAL CHEMISTRY

Titular Members

Chairman

1975-1985 Prof. J. Jordan

Secretary

1977-1985 Prof. K. Izutsu

Members

1977-1985 Dr. A.K. Covington

1979-1987 Dr. J. Juillard

1977-1985 Prof. R.C. Kapoor

1979-1987 Prof. E. Pungor

Associate Members

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1979-1987 Dr. R.A. Durst

1979-1987 Prof. M. Gross

1979-1987 Dr. K.M. Kadish

1977-1985 Dr. R. Kalvoda

1981-1985 Prof. H. Kao

1979-1987 Prof. Y. Marcus

1979-1987 Prof. T. Mussini

1979-1985 Prof. H.W. Nürnberg

1979-1987 Prof. M. Senda

1979-1987 Prof. N. Tanaka

1983-1987 Dr. Klára Tóth

V.6 COMMISSION ON EQUILIBRIUM DATA

Titular Members

Chairman

1977-1985 Prof. H. Ohtaki

Secretary

1979-1987 Dr. L.D. Pettit

Members

1981-1985 Prof. E.D. Goldberg

1981-1985 Prof. I. Grenthe

1983-1987 Dr. I. Nagypál

1981-1985 Dr. P. Valenta

Associate Members

1983-1987 Prof. S. Ahrland

1981-1985 Prof. G. Anderegg

1981-1985 Dr. A.C.M. Bourg

1979-1987 Dr. D.S. Gamble

1977-1985 Dr. E. Högföldt

1983-1987 Prof. I.L. Khodakovskii

1981-1985 Prof. W.A.E. McBryde

1981-1985 Prof. G.H. Nancollas

1983-1987 Prof. P. Paoletti

1981-1985 Dr. D.D. Perrin

1983-1987 Prof. D.G. Tuck

1981-1985 Prof. O. Yamauchi

V.8 COMMISSION ON SOLUBILITY DATA

Titular Members

Chairman

1979-1987 Prof. A.S. Kertes

Secretary

1983-1987 Dr. L.H. Gevantman

Members

1983-1987 Prof. R. Battino

1979-1987 Prof. H.L. Clever

1983-1987 Prof. D.G. Shaw

1979-1987 Dr. C.L. Young

Associate Members

1983-1987 Prof. A.F.M. Barton

1979-1987 Prof. R. Cohen-Adad

1983-1987 Dr. P. Fogg

1979-1987 Prof. F.W. Getzen

1983-1987 Prof. W. Hayduk

1983-1987 Prof. J.W. Lorimer

1981-1985 Dr. A.N. Paruta

1983-1987 Dr. M. Salomon

1979-1987 Prof. P.W. Schindler

1983-1987 Dr. A. Szafranski

1983-1987 Prof. R. Tomkins

1979-1987 Dr. S.H. Yalkowsky

VI APPLIED CHEMISTRY DIVISION

Division Committee

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1975-1985 Dr. H. Frehse

Vice-President

1979-1985 Dr. P.C. Kearney

Secretary

1981-1985 Dr. L.E. Coles

Members

1983-1987 Dr. D. Firestone

1981-1985 Prof. J. Holló

1981-1985 Dr. Éva Kurucz

1983-1987 Dipl.-Ing. K. Lechnitz

1981-1985 Prof. M. Naudet

VI.1 COMMISSION ON FOOD CHEMISTRY

Titular Members

Chairman

1983-1987 Dr. A.E. Pohland

Vice-Chairman

1979-1987 Dr. P.S. Steyn

Secretary

1983-1987 Dr. W. Krönert

Members

1979-1985 Prof. G. Billek

1983-1987 Prof. P. Krogh

1983-1987 Dr. D.L. Park

Associate Members

1983-1987 Dr. R. Battaglia

1979-1987 Prof. M. Castegnaro

1979-1987 Prof. G. Grimmer

1983-1987 Prof. M. Jemmali

1979-1987 Prof. T. Juszkievicz

1983-1987 Dr. M.E. Knowles

1983-1987 Dr. S.J. Kubacki

1983-1987 Dr. H.A.M.G. Vaessen

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Titular Members

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Vice-Chairman

1983-1987 Prof. M. Ringpfeil

Secretary

1983-1987 Dr. G.G. Stewart

Members

1977-1985 Prof. T.K. Ghose

Associate Members

1983-1987 Dr. P.P. Gray

1983-1987 Prof. M. Linko

1983-1987 Dr. R.C. Righelato

VI.3 COMMISSION ON OILS, FATS, AND DERIVATIVES

Titular Members

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1979-1985 Prof. M. Naudet

Vice-Chairman

1977-1985 Dr. A. Hautfenne

Secretary

1983-1987 Mr. W.D. Pocklington

Members

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1977-1985 Dr. J. Pokorný

1979-1985 Prof. H. Wessels

Associate Members

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1981-1985 Dr. A. Dieffenbacher

1981-1985 Prof. E. Fedeli

1979-1985 Prof. J. Gracian-Tous

1983-1987 Mlle. Brigitte Jacobsberg

1983-1987 Dr. F.H. Koelman

1979-1985 Dr. Éva Kurucz

1983-1987 Dr. R.G. Manning

1979-1985 Mr. A.T. Møller

1979-1985 Dr. M. Teupel

1981-1985 Mrs. Anneli Visapää

1981-1985 Dr. G. Zwerenz

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Titular Members

Chairman

1977-1985 Mr. J.A.R. Bates

Secretary

1975-1985 Dr. R. Greenhalgh

Members

1983-1987 Dr. N. Aharonson

1983-1987 Dr. A. Ambrus

1977-1985 Dr. S. Gorbach

1983-1987 Dr. W. Klein

Associate Members

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1979-1987 Dr. H.O. Esser

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1979-1987 Dr. R.J. Hemingway

1983-1987 Dr. R. Hollingway

1983-1987 Prof. N. Kurihara

1983-1987 Dr. N. Neely

1983-1987 Dr. S. Otto

1979-1987 Dr. T.R. Roberts

1983-1987 Prof. J. Seiber

1983-1987 Dr. D.B. Sharp

1977-1985 Dr. J.W. Vonk

VII CLINICAL CHEMISTRY DIVISION

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Vice-President

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Secretary

1981-1985 Prof. N. Montalbetti

Members

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1981-1985 Prof. Mirna Mikač-Dević

1981-1985 Prof. K. Okuda

1981-1985 Dr. V.N. Titov

1981-1985 Prof. D.J. Vonderschmitt

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Titular Members

Chairman

1981-1985 Prof. R. Haeckel

Secretary

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1981-1985 Prof. J. Büttner

1983-1987 Prof. M. Hjelm

1981-1985 Dr. D.S. Young

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Titular Members

Chairman

1979-1987 Dr. H.P. Lehmann

Members

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1983-1987 Prof. L.F. Bertello
1983-1987 Dr. G. Féraud
1977-1985 Dr. B.F. Visser

Associate Members

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1983-1987 Dr. C. Onkelinx
1983 1987 Mr. J.C. Rigg
1983-1987 Prof. O. Siggaard-Andersen
1983-1987 Dr. U. Worsaae
1981-1987 Dr. R. Zender

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Titular Members

Chairman

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Secretary

1979-1987 Dr. H.G.J. Worth

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1981-1985 Dr. C.G. Fraser
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1983-1987 Prof. N. Montalbetti
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1979-1987 Prof. B. Štraus
1981-1985 Dr. V.N. Titov
1981-1985 Prof. R. Vihko
1983-1987 Dr. C.W.H. Walker

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Titular Members

Chairman

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Secretary

1977-1985 Prof. D.B. Tonks

Members

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1983-1987 Dr. E. Nieboer

1979-1985 Dr. M. Stoeppler

Associate Members

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1981-1985 Dr. K.S. Kasprzak

1981-1985 Dr. K. Kühn

1981-1985 Dr. S. Nomoto

1981-1985 Prof. W.C. Purdy

1983-1987 Dr. D. Shapcott

1981-1985 Dr. Y. Thomassen