

MINUTES OF 61st BUREAU MEETING

Hamburg University, FRG: 15th August 1991

Present: Prof. A. J. Bard (Chairman), Prof. A. Björkman, Prof. G. den Boef, Prof. R. D. Brown, Prof. A. Chakravorty, Dr. Mary L. Good, Prof. W.-Y. Huang, Prof. S. Itô, Prof. Y. P. Jeannin, Prof. J. Jortner, Prof. I. Wadsö, Prof. K. I. Zamaraev (Elected Members); Prof. A. Alberty, Prof. K. L. Komarek, Prof. N. J. Leonard, Prof. W. Heitz, Dr. P. S. Steyn, Prof. H. P. Lehmann (Division/Section Presidents)

In Attendance: Prof. J. M. Ward (Treasurer-Elect); Prof. G. M. Schneider (Past-President, Physical Chemistry Division), Prof. E. Fluck (Past-President, Inorganic Chemistry Division), Prof. Irina P. Beletskaya (Past-President, Organic Chemistry Division); Dr. M. Williams (Executive Secretary), Miss Ann Troughton (Deputy Executive Secretary)

Absent: Prof. M. T. Beck, Prof. G. Modena, Prof. H. A. Staab (Elected Members); Prof. A. Hulanicki, Dr. J. G. Topliss (Division/Section Presidents); Prof. J. M. Thomas (Chairman, CHEMRAWN Committee), Dr. D. Wyrsch (Chairman, Committee on Chemistry and Industry)

14/91 INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

The President presented apologies for non-attendance from Vice-President Staab and Prof. Beck, who had unfortunately left Hamburg already, and he welcomed Prof. Chakravorty to his first Bureau meeting.

The agenda drawn up by the Executive Secretary was approved.

15/91 ELECTION OF ONE EXECUTIVE COMMITTEE MEMBER

The President reminded the Bureau that, in accordance with Statute 8.2, Dr. Good and Prof. Itô would continue as Elected Members of the Executive Committee until 1993. There was one vacancy arising from completion of period of service on the Bureau by Prof. N. Sheppard. Prof. Bard proposed two candidates, Profs. Wadsö and Zamaraev, who agreed to stand. There were no other nominations, and in a ~~written~~ and secret ballot:

Prof. I. Wadsö	8
Prof. K. L. Zamaraev	9
(total voting 18: Prof. Björkman acted as Teller)	

Prof. Zamaraev was declared elected to fill the vacancy.

16/91 APPROVAL OF NEW MEMBERS OF DIVISION/SECTION COMMITTEES AND COMMISSIONS

Subject to detailed checking by the Deputy Executive Secretary on return to the Secretariat in Oxford, the Bureau resolved that:

- (i) the nominations in Appendix A for new Members of Division/Section Committees should be approved, the terms of service to be four years (Bylaw 4.103);

- (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) in order to expedite their work programmes, an increase in the number of Associate Members above that of Titular Members should be allowed (Bylaw 4.304) until 1993 for Commissions I.2 (to 12), I.6 (to 8), II.1 (to 8), II.3 (to 9), III.1 (to 10), IV.2 (to 11), V.2 (to 9), V.4 (to 10), V.5 (to 12), V.6 (to 10), V.7 (to 9), V.8 (to 12), LLTC on Chromatography and Other Analytical Separations (to 5), LLTC on Environmental Analytical Chemistry (to 9), VI.1 (to 9), VI.3 (to 8), VI.4 (to 8), VI.5 (to 9), VI.6 (to 8);
- (vi) for exceptional reasons (to help with the workload in a small membership Commission) proposed by Prof. Alberty, the maximum statutory term of service should be extended until 1993 as an Associate Member for Prof. L. I. Elding on Commission I.4;
- (vii) on the recommendation of Prof. Alberty, a seventh Titular Member (expert on theoretical methods) could be proposed for Commission I.5 after Lisbon;
- (viii) despite the recommendation of Prof. Leonard, the Titular Membership of Commission III.1 should be restricted to eight until 1993, with the maximum total statutory term of service of only one out of Prof. P. A. S. Smith and Mr. E. W. Godly to be extended until 1993;
- (ix) for exceptional reasons (as coordinator to facilitate completion of project on graphic representation of polymer structures) proposed by Prof. Heitz, the maximum statutory term of service should be extended until 1993 as a Titular Member for Dr. R. E. Bareiss on Commission IV.1;
- (x) for exceptional reasons (as coordinator to help complete glossary of basic terms in polymer science) proposed by Prof. Heitz, the maximum total statutory service should be extended until 1993 as an Associate Member for Prof. U. W. Suter on Commission IV.1;
- (xi) despite the recommendation of Prof. Heitz, the term of service of Dr. H. H. Meyer as Chairman of Commission IV.2 should not be extended until 1993;
- (xii) for exceptional reasons proposed by Prof. Heitz, the maximum statutory term of service should be extended until 1993 as Associate Members for Dr. B. C. Anderson (to help with provision of samples) and Prof. J. C. Steferis (as joint coordinator to help complete project on intrinsic characteristics of continuous fibre reinforced thermoplastic composites) on Commission IV.2;
- (xiii) despite the recommendation of Prof. Heitz, Dr. J. R. Lyerla should be approved until 1993 as an Associate Member only on LLTC on Functional Polymers;

- (xiv) despite the recommendation of Prof. den Boef, Prof. H. Müller should not be accepted as an eighth Titular Member of Commission V.1, but could continue until 1993 as an Associate Member;
- (xv) for exceptional reasons proposed by Prof. den Boef, the maximum statutory term of service should be extended until 1993 as an Associate Member for Prof. G. M. Hieftje on Commission V.4;
- (xvi) despite the recommendation of Prof. den Boef, the maximum total statutory service should not be extended until 1993 for Prof. K. M. Kadish to become Chairman of Commission V.5;
- (xvii) for exceptional reasons proposed by Prof. den Boef, the maximum statutory term of service should be extended until 1993 as an Associate Member for Prof. P. Paoletti on Commission V.6;
- (xviii) for exceptional reasons (as coordinator to help complete project on isotopic and nuclear analytical techniques in biological systems) proposed by Prof. den Boef, the maximum statutory term of service should be extended until 1993 as a Titular Member for Dr. K. S. Kasprzak on Commission V.7;
- (xix) for exceptional reasons proposed by Prof. den Boef, the maximum statutory term of service should be extended until 1993 as an Associate Member for Dr. A. M. Szafranski on Commission V.8;
- (xx) for exceptional reasons proposed by Dr. Steyn, the Chairmanship and appointment of a sixth Titular Member to be decided for Commission VI.2 after Lisbon;
- (xxi) despite the recommendation of Dr. Steyn, Dr. C. V. Eadsworth should not be accepted as an eighth Titular Member of Commission VI.5, but could continue until 1993 as an Associate Member;
- (xxii) the maximum statutory term of service should not be extended as a Titular Member for Dr. Y. Thomassen on Commission VII.4, but he could be appointed as an Associate Member until 1993;
- (xxiii) a decision should be deferred on the need to appoint a seventh Member for the Medicinal Chemistry Section Committee.

17/92 DATES AND PLACE OF NEXT MEETING

(Minute 14/91, 115th Executive Committee - Pretoria)

Costs had been obtained by Prof Jeannin for the Bureau to meet in September 1992 at Centre Port-Royal, which was situated southwest of Paris. Saturday-Sunday, 12th-13th September, were agreed as the dates, with meetings of the Division/Section Presidents and the Committee on Affiliate Membership to take place on 11th September. In addition, two days should be allowed for Prof. Staab to hold his Vice-Presidential critical assessment interviews with the Division/Section Presidents.

CHAIRMAN: Allen J. Band

DATE: 12 Sept. 1992

APPENDIX A

- SP Special permission required for extension, because eight years or more already served in the specific category of membership
- 12 A total of twelve years already served
 - o Confirmation awaited of agreement to serve

PHYSICAL CHEMISTRY DIVISION (I)

Members

1985 - 1993	Prof. R. A. Alberty President
1987 - 1993	Prof. K. Kuchitsu Vice-President
1989 - 1995	Prof. G. Somsen Secretary
1989 - 1993	Prof. R. D. Brown
1991 - 1995	Prof. M. A. El-Sayed
1991 - 1995	Prof. G. Gritzner
1989 - 1993	Prof. I. M. Mills
1989 - 1993	Prof. E. E. Nikitin

**COMMISSION ON PHYSICOCHEMICAL SYMBOLS,
TERMINOLOGY, AND UNITS (I.1)**

Titular Members

1985 - 1993	Prof. T. Cvitas [✓] Chairman
1987 - 1995	Prof. M. Quack Secretary
1991 - 1995	Prof. B. Holmstrom
1989 - 1995	Dr. I. V. Khudyakov
1991 - 1995	Dr. F. Pavese
1989 - 1993	Prof. H. L. Strauss

Associate Members

1987 - 1995	Prof. G. H. Findenegg
1991 - 1995	Prof. I. M. Mills
1991 - 1995	Prof. M. Tasumi

COMMISSION ON THERMODYNAMICS (I.2)

Titular Members

1987 - 1995	Dr. P. A. G. O'Hare Chairman
1985 - 1993	Dr. Gerd M. Olofsson Secretary
1985 - 1993	Prof. J. M. G. Barthel
1989 - 1993	Prof. G. Della Gatta
1989 - 1993	Dr. M. B. Ewing
1985 - 1993	Prof. Margit T. Ratzsch
1989 - 1993	Prof. W. A. Wakeham

Associate Members

1989 - 1993	Dr. T. W. De Loos
1989 - 1993	Dr. J. H. Dymond
1987 - 1995	Dr. R. N. Goldberg
1989 - 1993	Prof. J.-P. Grolier
1989 - 1993	Prof. I. L. Khodakovsky
1989 - 1993	Dr. J. L. Laynez
1991 - 1995	Prof. T. Letcher
1989 - 1993	Prof. C. A. Nieto de Castro
1987 - 1995	Dr. S. L. Randzio
1989 - 1993	Prof. R. D. Weir
1985 - 1993	Dr. E. Wilhelm
1987 - 1995	Prof. J. Winkelmann

COMMISSION ON ELECTROCHEMISTRY (I.3)

Titular Members

1987 - 1995	Prof. G. S. Wilson Chairman
1989 - 1993	Prof. W. Plieth Secretary
1991 - 1995	Dr. C. P. Andrieux
1991 - 1995	Prof. D. Drazic
1985 - 1993	Prof. V. M. M. Lobo
1989 - 1993	Dr. Margaretha Sluyters-Rehbach
1987 - 1995	Prof. K. Tokuda

Associate Members

1989 - 1993	Prof. B. E. Conway
1989 - 1993	Prof. G. Kreysa
1991 - 1995	Prof. C. F. Martin
1991 - 1995	Prof. A. A. Milchev
1991 - 1995	Prof. T. Watanabe

COMMISSION ON CHEMICAL KINETICS (I.4)

Titular Members

1991 - 1995	Dr. J. T. Herron Chairman
1989 - 1993	Prof. J. A. Kerr Secretary
1991 - 1995	Prof. D. L. Baulch
1991 - 1995	Prof. K. U. Ingold
1985 - 1993	Prof. Yu. N. Molin
1985 - 1993	Prof. I. Tanaka

Associate Members

1991 - 1995	Prof. V. V. Azatyan
1983 - 1993	Prof. L. I. Elding
1991 - 1995	Prof. J. Troe
1989 - 1993	Prof. P. J. Van Tiggelen

SP

**COMMISSION ON MOLECULAR STRUCTURE
AND SPECTROSCOPY (I.5)**

Titular Members

1989 - 1993	Prof. C. J. H. Schutte Chairman
1989 - 1993	Dr. Joann F. Sullivan Secretary
1987 - 1993	Prof. R. D. Brown
1989 - 1993	Prof. R. K. Harris
1985 - 1993	Prof. E. Hirota
1991 - 1995	Dr. Brenda P. Winnewisser
1991 - 1995	(7th member to be proposed)

Associate Members

1991 - 1995	Prof. A. M. Bradshaw
1991 - 1995	Prof. B. G. Derendjaev
1989 - 1993	Prof. P. Granger
1989 - 1993	Prof. J. P. Maier
1991 - 1995	Prof. A. Oskam
1987 - 1995	Prof. S. Tsuchiya
1989 - 1993	Prof. C. Zhang

**COMMISSION ON COLLOID AND SURFACE
CHEMISTRY INCLUDING CATALYSIS (I.6)**

Titular Members

1987 - 1995	Dr. J. Rouquerol Chairman
1985 - 1993	Dr. B. Vincent Secretary
1991 - 1995	Dr. A. M. Cazabat
1989 - 1993	Prof. B. Delmon
1991 - 1995	Prof. M. Misono
1987 - 1995	Prof. J. Ralston
1991 - 1995	Prof. K. K. Unger

Associate Members

1991 - 1995	Prof. I. Dekany
1991 - 1995	Dr. C. W. Fairbridge
1991 - 1995	Dr. L. Koopal
1991 - 1995	Prof. T. Kunitake
1991 - 1995	Prof. J. A. Pajares
1989 - 1993	Prof. G. I. Panov
1989 - 1993	Dr. P. Pendleton
1987 - 1993	Dr. D. Platikanov

INORGANIC CHEMISTRY DIVISION (II)

Members

1985 - 1995	Prof. K. L. Komarek President
1985 - 1995	Prof. G. J. Leigh Vice-President
1987 - 1995	Prof. P. W. Gilles Secretary
1991 - 1995	Prof. D. H. Busch
1991 - 1995	Prof. J. R. de Laeter
1991 - 1995	Prof. L. Kihlborg
1991 - 1995	Prof. F. A. Kuznetsov
1991 - 1995	Prof. R. Metselaar

**COMMISSION ON ATOMIC WEIGHTS AND
ISOTOPIC ABUNDANCES (II.1)**

Titular Members

1985 - 1993	Prof. K. G. Heumann Chairman
1987 - 1995	Dr. T. B. Coplen Secretary
1991 - 1995	Dr. J. W. Gramlich
1989 - 1993	Prof. H. R. Krouse
1987 - 1995	Dr. K. J. R. Rosman
1985 - 1993	Dr. Masako Shima
1991 - 1995	Prof. K. Wade

Associate Members

1989 - 1993	Dr. H. J. Dietze
1991 - 1995	Dr. M. Ebihara
1989 - 1993	Dr. H. S. Hertz
1991 - 1995	Dr. R. D. Loss
1991 - 1995	Dr. G. Ramendik
1991 - 1995	Prof. L. Schultz
1991 - 1995	Dr. P. Taylor
1991 - 1995	Dr. L. Turpin

**COMMISSION ON NOMENCLATURE OF
INORGANIC CHEMISTRY (II.2)**

Titular Members

1987 - 1995	Prof. A. M. Sargeson Chairman
1987 - 1995	Prof. J. A. McCleverty Vice-Chairman
1985 - 1993	Prof. R. S. Laitinen Secretary
1989 - 1993	Dr. A. J. Arduengo
1989 - 1993	Prof. D. Coucovanis
1987 - 1995	Dr. M. W. G. de Bolster
1991 - 1995	Prof. F. J. Feher
1991 - 1995	Dr. A. Salzer

Associate Members

1991 - 1995	Dr. J. B. Casey
1991 - 1995	Prof. G. Denti
1991 - 1995	Prof. A. Dress
1989 - 1993	Prof. S. Kirschner
1991 - 1995	Prof. W. H. Koppenol
1991 - 1995	Prof. F. Lazarini
1985 - 1993	Prof. R. Poilblanc

**COMMISSION ON HIGH TEMPERATURE AND SOLID
STATE CHEMISTRY (II.3)**

Titular Members

1985 - 1993	Prof. J. Corish Chairman
1991 - 1995	Dr. G. M. Rosenblatt Secretary
1985 - 1993	Prof. J. F. Baumard
1987 - 1993	Prof. J. D. Drowart
1987 - 1995	Prof. L. N. Gorokhov
1987 - 1993	Dr. J. Hastie
1987 - 1995	Prof. D.-S. Yan

Associate Members

1991 - 1995	Prof. H. P. Boehm
1989 - 1993	Dr. C. Chatillon
1987 - 1993	Prof. J. G. Edwards
1989 - 1993	Prof. M. H. Lewis
1985 - 1993	Prof. J. Matousek
1987 - 1993	Dr. H. J. Matzke
1989 - 1993	Prof. T. Saito
1989 - 1993	Prof. G. Van Tendeloo
1989 - 1993	Prof. G. F. Voronin

**COMMISSION ON ISOTOPE SPECIFIC MEASUREMENTS
AS REFERENCES (LLTC)**

Titular Members

1989 - 1993 Prof. P. De Bièvre
 Chairman

1989 - 1993 Dr. J. R. Moody
 Secretary

1989 - 1993 Dr. Andrée Lamberty

1989 - 1993 Dr. K. J. R. Rosman

Associate Members

1989 - 1993 Dr. J. W. Gramlich

1989 - 1993 Dr. J. Versieck

ORGANIC CHEMISTRY DIVISION (III)

Members

1987 - 1993	Prof. N. J. Leonard President
1991 - 1995	Prof. M. Oki Vice-President
1985 - 1993	Prof. Irina P. Beletskaya Past-President
1985 - 1993	Dr. W. J. Koch Secretary
1991 - 1995	Prof. U. K. Pandit
1989 - 1993	Prof. J. C. Richer
1991 - 1995	Prof. C. J. M. Stirling
1991 - 1995	Prof. E. Vogel

COMMISSION ON NOMENCLATURE OF ORGANIC CHEMISTRY (III.1)

Titular Members

1983 - 1993	Prof. P. A. S. Smith Chairman	(12)
1989 - 1993	Dr. H. A. Favre Vice-Chairman	
1987 - 1993	Mr. E. W. Godly Secretary	(12)
1987 - 1995	Prof. H. J. T. Bos	
1987 - 1993	Prof. J. R. Bull	
1989 - 1993	Dr. P. M. Giles, Jr.	
1991 - 1995	Dr. D. Tavernier	
1991 - 1995	Prof. J. G. Traynham	
1991 - 1995	Dr. J. Wisniewski	

Associate Members

1989 - 1993	Prof. F. Farina
1987 - 1993	Prof. P. Grunanger
1989 - 1993	Prof. R. J.-R. Hwu
1989 - 1993	Dr. Maria A. C. Kaplan
1987 - 1995	Prof. M. V. Kisakurek
1991 - 1995	Prof. A. J. Lawson
1989 - 1993	Dr. W. Liebscher
1989 - 1993	Prof. M. M. Mikołajczyk
1989 - 1993	Dr. Ch. Schmitz
1989 - 1995	Prof. J. H. Stocker

COMMISSION ON PHYSICAL ORGANIC CHEMISTRY (III.2)

Titular Members

1985 - 1993	Prof. P. Müller Chairman
1991 - 1995	Prof. W. Drenth Secretary
1987 - 1993	Prof. J. M. McBride
1991 - 1995	Prof. V. I. Minkin
1991 - 1995	Prof. Z. Rappoport
1989 - 1993	Prof. J. Shorter
1991 - 1995	Prof. Y. Takeuchi

Associate Members

1991 - 1995	Prof. P. N. I. Ahlberg
1989 - 1993	Prof. E. A. Halevi
1991 - 1993	Prof. O. M. Nefedov
1991 - 1995	Prof. C. Perrin
1991 - 1995	Dr. D. Raber
1985 - 1993	Prof. P. Van Brandt
1989 - 1993	Dr. J. R. Zdysiewicz

COMMISSION ON PHOTOCHEMISTRY (III.3)

Titular Members

1985 - 1993	Dr. D. F. Eaton Chairman
1991 - 1995	Dr. J. D. Coyle Secretary
1989 - 1993	Dr. R. Bonneau
1985 - 1993	Prof. M. G. Kuzmin
1989 - 1993	Prof. M. Ohashi
1989 - 1993	Prof. J. W. Verhoeven
1991 - 1995	Prof. J. Wirz

Associate Members

1989 - 1993	Prof. D. R. Arnold
1991 - 1995	Dr. H.-D. Becker
1989 - 1993	Prof. F. D. Lewis
1991 - 1995	Prof. J. Mattay
1987 - 1995	Dr. E. A. San Roman
1989 - 1993	Prof. F. Scandola

MACROMOLECULAR DIVISION (IV)

Members

1983 - 1993	Prof. W. Heitz President
1987 - 1993	Prof. J. Economy Vice-President
1985 - 1993	Prof. A. D. Jenkins Secretary
1989 - 1993	Dr. P. Cefelín
1989 - 1993	Prof. J. E. Guillet
1989 - 1993	Prof. N. Ise
1991 - 1995	Prof. J. H. O'Donnell
1991 - 1995	Prof. S. Russo

COMMISSION ON MACROMOLECULAR NOMENCLATURE (IV.1)

Titular Members

1989 - 1993	Dr. R. F. T. Stepto Chairman	
1987 - 1995	Dr. W. J. Work Secretary	
1983 - 1993	Dr. R. E. Bareiss	SP
1989 - 1993	Prof. K. Hatada	
1991 - 1995	Dr. J. Kahovec	
1991 - 1995	Dr. W. V. Metanomski	
1985 - 1993	Dr. Claudine Noel	
1987 - 1995	Prof. V. B. Shibaev	

Associate Members

1987 - 1995	Prof. J. V. Aleman	
1991 - 1995	Dr. M. Baron	
1991 - 1995	Prof. E. Maréchal	
1991 - 1995	Prof. K. Matyjaszewski	
1989 - 1993	Prof. T. Saegusa	
1987 - 1995	Prof. L. Shi	
1991 - 1993	Prof. U. W. Suter	(12)

**COMMISSION ON POLYMER CHARACTERIZATION
AND PROPERTIES (IV.2)**

Titular Members

1983 - 1993	Dr. H. H. Meyer Chairman	(12)
1985 - 1993	Mr. J. M. Cann Secretary	
1991 - 1995 #	Prof. T. Hjertberg	
1985 - 1993	Prof. M. Jozefowicz	
1989 - 1993	Dr. D. R. Moore	
1987 - 1993	Prof. K.-H. Reichert	
1987 - 1995	Dr. M. J. Richardson	
1991 - 1995	Prof. S. B. Ross-Murphy	

Associate Members

1983 - 1995	Dr. B. C. Anderson	SP
1989 - 1993	Prof. N. F. Bakeev	
1987 - 1993	Dr. H. Lange	
1987 - 1995	Prof. T. Masuda	
1987 - 1995	Prof. E. F. Oleinik	
1991 - 1995	Prof. V. Percec, or if he refuses to serve Prof. J. M. Anderson	O
1985 - 1993	Prof. R. Qian	
1987 - 1995	Prof. S. Russo	
1989 - 1993	Dr. G. Schorsch	
1983 - 1993	Prof. J. C. Seferis	SP
1985 - 1993	Dr. J. Stejskal	

Confirmation of nomination/appointment to be made by
Chairman after communication with nominee

COMMISSION ON FUNCTIONAL POLYMERS (LLTC)

Titular Members

1991 - 1993 Dr. J. Wendorff
 Chairman

Secretary

1989 - 1993 Dr. F. Charbonneau
1989 - 1993 Prof. J. Koros
1989 - 1993 Prof. T. Shimidzu
1991 - 1993 Lyesla

(Only four Titular Members permitted)

ANALYTICAL CHEMISTRY DIVISION (V)

Members

1987 - 1995 Prof. A. Hulanicki
 President

1987 - 1993 Prof. G. Svehla
 Secretary

1991 - 1995 Prof. R. A. Durst

1991 - 1995 Prof. M. Grasserbauer

1989 - 1993 Dr. B. Griepink

1989 - 1993 Dr. R. Kalvoda

1989 - 1993 Prof. D. Klockow

1991 - 1995 Dr L. D. Pettit

**COMMISSION ON GENERAL ASPECTS OF
ANALYTICAL CHEMISTRY (V.1)**

Titular Members

1989 - 1993	Prof. W. E. van der Linden Chairman
1989 - 1993	Dr. C. L. Graham Secretary
1989 - 1993	Dr. L. A. Currie
1989 - 1993	Dr. St. Glab
1989 - 1993	Dr. W. Horwitz
1989 - 1993	Prof. D. L. Massart
1991 - 1995 #	Prof. H. Müller
1989 - 1993	Dr. M. Parkany

Associate Members

1991 - 1995	Prof. K. Danzer
1989 - 1993	Prof. Y. Gohshi
1991 - 1995	Dr. B. Kratochvil O
1989 - 1993	Prof. M. Otto
1989 - 1993	Prof. J. W. Stahl
1991 - 1995	Prof. J. Winchester O
1989 - 1993	Prof. P. J. Worsfold

If accepted as Titular Member otherwise to continue as Associate Member

**COMMISSION ON MICROCHEMICAL TECHNIQUES AND
TRACE ANALYSIS (V.2)**

Titular Members

1985 - 1993	Dr. D. E. Wells Chairman
1987 - 1995	Dr. D. G. Westmoreland Secretary
1987 - 1995	Prof. M. J.-F. Leroy
1991 - 1995	Dr. M. W. Linscheid
1989 - 1993	Dr. M. Morita
1991 - 1995	Dr. M. J. Pellin
1989 - 1993	Dr. B. Ya. Spivakov

Associate Members

1991 -1995	Dr. S. Caroli
1989 - 1993	Dr. W. P. Cofino
1989 - 1993	Dr. J. Edmonds
1991 - 1995	Dr. A. E. Maier
1985 - 1993	Dr. H. Muntau
1987 - 1995	Dr. L. Reutergårdh
1989 - 1993	Dr. G. R. Rhodes
1987 - 1995	Dr. W. Wegscheider
1989 - 1993	Dr. H. W. Werner

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

Titular Members

1989 - 1993	Dr. T. Vo-Dinh Chairman
1985 - 1993	Dr. T. A. M. Ure Secretary
1991 - 1995	Prof. G. Gauglitz
1989 - 1993	Dr. D. S. Moore
1987 - 1995	Dr. N. S. Nogar
1989 - 1993	Dr. N. Omenetto
1989 - 1993	Prof. B. Schrader

Associate Members

1991 - 1995	Prof. M. Adams	O
1991 - 1995	Dr. A. M. Andreani	O
1991 - 1995	Dr. J. R. Bacon	O
1989 - 1993	Dr. H. J. Coufal	
1983 - 1993	Prof. G. M. Hieftje	SP
1989 - 1993	Prof. J. N. Miller	
1985 - 1993	Dr. R. Sturgeon	
1989 - 1993	Prof. N. L. Velthorst	
1985 - 1993	Prof. J. P. Willis	
1987 - 1993	Dr. E. Yeung	

COMMISSION ON ELECTROANALYTICAL CHEMISTRY (V.5)

Titular Members

1985 - 1993	Prof. K. M. Kadish Chairman	(12)
1989 - 1993	Prof. R. P. Buck Secretary	
1991 - 1995	Dr. M. L'Her	
1991 - 1995	Prof. Sandra Rondinini Cavallari	
1989 - 1993	Dr. K. Štulík	
1987 - 1995	Dr. Klára Tóth	
1991 - 1995	Prof. Y. Umezawa	

Associate Members

1989 - 1993	Prof. A. M. Bond
1989 - 1993	Prof. K. Cammann
1987 - 1993	Prof. M. Filomena Camões
1987 - 1993	Dr. A. G. Fogg
1991 - 1995	Prof. W. R. Heineman
1991 - 1995	Dr. S. Kihara
1991 - 1995	Dr. W. F. Koch
1989 - 1993	Dr. W. Kutner
1989 - 1993	Prof. G. Prabhakara Rao
1985 - 1993	Dr. H. P. van Leeuwen
1987 - 1993	Prof. E. Wang
1991 - 1995	Prof. J. Wang

COMMISSION ON EQUILIBRIUM DATA (V.6)

Titular Members

1987 - 1995	Prof. D. G. Tuck Chairman
1989 - 1993	Dr. T. Kiss Secretary
1987 - 1993	Prof. A. Braibanti
1991 - 1995	Prof. R. H. Byrne
1991 - 1995	Prof. L. H. J. Lajunen
1989 - 1993	Dr. H. K. J. Powell

Associate Members

1991 - 1995	Dr. J. R. Duffield	O
1987 - 1993	Dr. B. Holmberg	
1989 - 1993	Prof. S. Ishiguro	
1985 - 1993	Prof. T. A. Kaden	
1989 - 1993	Dr. S. H. Laurie	
1985 - 1993	Prof. R. B. Martin	
1983 - 1995	Prof. P. Paoletti	SP
1985 - 1993	Prof. R. Portanova	
1989 - 1993	Prof. S. Sjoberg	
1991 - 1995	Prof. O. Yamauchi	

COMMISSION ON RADIOCHEMISTRY AND NUCLEAR TECHNIQUES (V.7)

Titular Members

1987 - 1995	Prof. J.-P. Adloff Chairman	(I)
1987 - 1995	Prof. Y.-F. Liu Vice-Chairman	(V)
1987 - 1993	Prof. H. R. von Gunten Secretary	(V)
1985 - 1993	Prof. J. Foos	(V)
1991 - 1995	Prof. P. Karol	(V)
1983 - 1993	Dr. K. S. Kasprzak	SP (VII)
1985 - 1993	Prof. I. Zvára	(V)

Associate Members

1991 - 1995	Prof. Y. Chu	()
1985 - 1993	Prof. H. A. Das	(V)
1991 - 1995	Prof. Darleane C. Hoffman	(I)
1991 - 1995	Dr. V. P. Kolotov	()
1991 - 1995	Prof. J. V. Kratz	()
1991 - 1995	J. Madic	()
1985 - 1993	Prof. W. Maenhaut	(V)
1989 - 1993	Prof. H. Nakahara	(V)
1989 - 1993	Mr. J. A. Tetlow	(VI)

COMMISSION ON SOLUBILITY (V.8)

Titular Members

1991 - 1995	Dr. M. Salomon Chairman
1987 - 1995	Prof. R. P. T. Tomkins Secretary
1991 - 1995	Dr. Jitka Eysseletová
1987 - 1993	Dr. P. G. T. Fogg
1987 - 1993	Prof. W. Hayduk
1987 - 1993	Dr. G. T. Hefter
1991 - 1995	Dr. A. Maczynski

Associate Members

1991 - 1995	Dr. C. Balarew
1985 - 1993	Prof. C. Y. Chan
1985 - 1993	Prof. J.-J. Couniou
1987 - 1993	Dr. Angela F. Danil de Namor
1987 - 1993	Prof. T. P. Dirkse
1987 - 1993	Dr. H. J. M. Grünbauer
1989 - 1993	Prof. C. Kalidas
1991 - 1995	Prof. Sonja Krause
1991 - 1995	Dr. H. Miyamoto
1983 - 1993	Dr. A. M. Szafranski
1989 - 1993	Prof. V. M. Valyashko
1991 - 1995	Dr. J. Vanderdeelen

SP

**COMMISSION ON CHROMATOGRAPHY AND OTHER
ANALYTICAL SEPARATIONS (LLTC)**

Titular Members

1989 - 1993 Prof. P. C. Uden
 Chairman

1991 - 1993 Dr. R. M. Smith
 Secretary

1989 - 1993 Dr. H. M. Kingston

1991 - 1993 Dr. A. Marton

Associate Members

1991 - 1993 Prof. V. A. Davankov

1989 - 1993 Prof. F. M. Everaerts

1991 - 1993 Prof. K. Jinno

1991 - 1993 Dr. J. Å. Jönsson

1989 - 1993 Prof. W. Yu

COMMISSION ON ENVIRONMENTAL ANALYTICAL CHEMISTRY (LLTC)

Titular Members

1989 - 1993	Dr. J. Buffle Chairman
1989 - 1993	Dr. H. P. van Leeuwen Secretary
1989 - 1993	Prof. D. Dyrssen
1989 - 1993	Dr. R. L. Tanner

Associate Members

1989 - 1993	Dr. R. F. M. J. Cleven
1989 - 1993	Prof. W. Davison
1989 - 1993	Dr. G. G. Leppard
1991 - 1993	Prof. C. R. O'Melia
1989 - 1993	Prof. G. Sposito
1989 - 1993	Prof. J. Tarradellas
1989 - 1993	Prof. A. Tessier
1991 - 1993	Dr. D. Turner
1989 - 1993	Prof. A. Zirino

APPLIED CHEMISTRY DIVISION (VI)

Members

1987 - 1995	Dr. P. S. Steyn President
1989 - 1995	Dr. J. Miyamoto Vice-President
1985 - 1993	Dr. R. Greenhalgh Secretary
1989 - 1993	Dr. Joyce L. Beare-Rogers
1991 - 1995	Prof. J. G. Calvert
1989 - 1993	Prof. Ludmilla A. Golovleva
1989 - 1993	Dr. J. Slanina
1989 - 1993	Mr. J. A. Tetlow

COMMISSION ON FOOD CHEMISTRY (VI.1)

Titular Members

1983 - 1993	Dr. A. E. Pohland Chairman
1983 - 1993	Dr. D. L. Park Vice-Chairman
1989 - 1993	Dr. J. M. Fremy Secretary
1987 - 1993	Dr. D. J. McWeeny
1991 - 1995	Dr. P. G. Thiel
1985 - 1993	Dr. H. A. M. G. Vaessen

Associate Members

1987 - 1995	Dr. D. Arnold
1987 - 1993	Dr. R. L. Epstein
1991 - 1995	Dr. J. Gilbert
1991 - 1995	Dr. J. F. Lawrence
1989 - 1993	Dr. S. S. A. Marina Miraglia
1987 - 1993	Dr. J. J. O'Rangers
1991 - 1995	Dr. S. W. Page
1987 - 1993	Dr. I. Rosenthal
1985 - 1993	Dr. T. Yasumoto

COMMISSION ON BIOTECHNOLOGY (VI.2)

Titular Members

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Chairman

1989 – 1993 **Dr. J. L. Fox**
 Vice-Chairman

1985 – 1993 **Dr. H. K. Kolbl**
 Secretary

1989 – 1993 **Prof. A. M. Boronin**

1985 – 1993 **Dr. H. G. W. Leuenberger**

1989 – 1993 **Prof. Y. Yamada**

Associate Members

1987 – 1993 **Prof. J. W. Engels**

1989 – 1993 **Prof. J.-M. Masson**

1989 – 1993 **Prof. M. Moo-Young**

1989 – 1993 **Prof. B. Nagel**

1989 – 1993 **Dr. S. Ramachandran**

COMMISSION ON OILS, FATS, AND DERIVATIVES (VI.3)

Titular Members

1987 - 1993	Dr. A. Dieffenbacher Chairman
1991 - 1995	Prof. P. Dysseler Vice-Chairman
1987 - 1995	Drs. P. W. Hendrikse Secretary
1991 - 1995	Prof. Gunhild Hølmer
1989 - 1993	Dr. A. Karleskind
1991 - 1995	Dr. G. Ostermann
1987 - 1993	Dr. G. Zwerenz

Associate Members

1989 - 1993	Dr. Alice Bonekamp
1985 - 1993	Prof. T. Hashimoto
1991 - 1995	Mr. J. V. Holm
1991 - 1995	Dr. Mária Jeránek
1989 - 1993	Dr. F. Mordret
1987 - 1993	Mr. M. Pike
1991 - 1995	Dr. K. Stig-Andersen
1991 - 1993	Mrs. Anneli Visapää

COMMISSION ON ATMOSPHERIC CHEMISTRY (VI.4)

Titular Members

1985 - 1993	Dr. J. Slanina Chairman
1987 - 1995	Prof. P. Warneck Secretary
1987 - 1995	Dr. H. Akimoto
1991 - 1995	Prof. N. M. Bazhin
1991 - 1995	Mr. R. H. Brown
1987 - 1995	Prof. Xiaoyan Tang

Associate Members

1991 - 1995	Prof. J. G. Calvert
1989 - 1993	Mr. K. H. Eickel
1987 - 1995	Prof. J. A. Kerr
1991 - 1995	Prof. L. Klasinc
1989 - 1993	Prof. O. Lindqvist
1991 - 1995	Prof. L. F. Phillips
1991 - 1995	Prof. H. I. Schiff
1989 - 1993	Dr. Wm. E. Wilson

COMMISSION ON AGROCHEMICALS (VI.5)

Titular Members

1989 - 1993	Dr. E. Dorn Chairman
1989 - 1993	Dr. P. T. Holland Secretary
1991 - 1995	Dr. S. Z. Cohen
1991 - 1995	Dr. C. V. Eadsforth
1985 - 1993	Prof. R. M. Hollingworth
1989 - 1993	Prof. N. Kurihara
1989 - 1993	Dr. G. D. Paulson
1991 - 1995	Dr. R. D. Wauchope

Associate Members

1987 - 1995	Dr. B. Donzel
1989 - 1993	Dr. R. Graney
1991 - 1995	Mr. D. J. Hamilton
1989 - 1993	Dr. A. W. Klein
1991 - 1995	Dr. J. Kovacicova
1991 - 1995	Mr. W. J. Murray
1989 - 1993	Mrs. Birgit Ohlin
1991 - 1995	Mr. M. W. Skidmore
1991 - 1995	Dr. B. W. Zeeh

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COMMISSION ON WATER CHEMISTRY (VI.6)

Titular Members

1987 - 1993	Dr. A. J. Dobbs Chairman
1989 - 1993	Dr. W. J. G. M. Peijnenburg Secretary
1991 - 1995	Dr. Y. Sheva
1989 - 1993	Dr. N. L. Wolfe

Associate Members

1989 - 1993	Dr. P. Dolejs
1989 - 1993	Prof. M. Ewald
1991 - 1995	Prof. Grebenjuk
1991 - 1995	Dr. A. H. Neilson
1991 - 1995	Dr. H.-G. Korber
1989 - 1993	Prof. P. Pitter
1989 - 1993	Dr. K. R. Solomon
1989 - 1993	Mr. J. A. Tetlow

CLINICAL CHEMISTRY DIVISION (VII)

Members

1987 - 1993	Prof. H. P. Lehmann President
1989 - 1993	Mr. T. D. Geary Vice-President
1991 - 1995	Dr. A. Kallner Secretary
1991 - 1995	Prof. G. Ferard
1989 - 1993	Dr. E. Magid
1991 - 1995	Prof. D. W. Moss
1991 - 1995	Dr. G. K. Sievers
1989 - 1993	Dr. H. G. J. Worth

COMMISSION ON QUANTITIES AND UNITS (VII.2)

Titular Members

1985 - 1993	Dr. H. Olesen Chairman
1985 - 1993	Mr. M. Lauritzen Secretary
1991 - 1995	Dr. X. Fuentes-Arderiu
1987 - 1995	Dr. J. G. Hill
1991 - 1995	Dr. R. Rej
1989 - 1993	Dr. P. L. Storring

Associate Members

1989 - 1993	Dr. S. J. Bryant
1985 - 1993	Prof. C.-H. de Verdier
1991 - 1995	Dr. J. Kratochvila
1991 - 1995	Dr. P. Soares de Araujo
1991 - 1995	Mr. D. Zewge

COMMISSION ON TOXICOLOGY (VII.4)

Titular Members

1987 - 1995	Dr. Rita Cornelis Chairman
1991 - 1995	Dr. B. Heinzow Secretary
1991 - 1995	Dr. J. H. Duffus
1987 - 1995	Prof. R. F. M. Herber
1989 - 1993	Prof. M. Jakubowski
1991 - 1995	Dr. D. Templeton
1983 - 1993	Dr. Y. Thomassen
	SP

Associate Members

1989 - 1993	Prof. A. Cavalleri
1991 - 1995	Dr. Sheila Dawling
1989 - 1993	Dr. Andree Lamberty
1991 - 1995	Dr. Jytte Molin Christensen
1991 - 1995	Mr. D. Rutherford
1991 - 1995	Prof. Marie Vahter
1991 - 1995	Dr. C. Veillon

**COMMISSION ON BIOTECHNOLOGY IN
CLINICAL CHEMISTRY (LLTC)**

Titular Members

1989 - 1993 Dr. M. Ferrari
 Chairman

1989 - 1993 Dr. Sophia Visvikis

Associate Member

1989 - 1993 Dr. N. Gregersen

(Limit of two Titular Members)

MEDICINAL CHEMISTRY SECTION

Members

1991 - 1995 Dr. J. G. Topliss
 President

1987 - 1995 Dr. N. Koga
 Vice-President

1987 - 1993 Prof. C. G. Wermuth
 Past-President

1991 - 1995 Dr. W. Busse
 Secretary

1991 - 1995 Prof. C. R. Ganellin

1991 - 1995 Prof. L. Mitscher

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(Request for 7th Member will be made later)