



International Union of Pure and Applied Chemistry
COMMISSION ON COLLOID AND SURFACE CHEMISTRY
IUPAC 1.6

COLLOID AND INTERFACE SCIENCE
INTERNATIONAL NEWSLETTER

No. 1 - September 1978

*Compiled under the auspices of the IUPAC
Commission on Colloid and Surface Chemistry*

No. 1, September 1978

Compiled by J. Lyklema,

Laboratory for Physical and Colloid Chemistry

Agricultural University - De Dreijen 6

6703 BC Wageningen - The Netherlands

*under the auspices of the IUPAC Commission for Surface and Colloid
Science (Commission I.6)*

1. Purpose of this Newsletter

The main purpose of this letter is to promote international cooperation in interface and colloid science. It is hoped, that through this letter, colloid and interface scientists become more informed about important developments and forthcoming events so that they can plan their activities well ahead.

The ultimate goal is to achieve more international coordination in the planning of major activities.

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2. Activities of the IUPAC Commission for Surface and Colloid Chemistry (I.6)

This commission belongs to the Division of Physical Chemistry. The late Sir Eric Rideal was one of its founders. Commission I.6 has been (and is still) active in establishing a unifying terminology and set of definition in the field of surface and colloid science. A major publication "*Definitions, Terminology and Symbols in Colloid and Surface Chemistry*" has been published in Pure Appl. Chem. 31 (1972) No. 4, 579. Reprints are still available from prof. F. Micale, Lehigh Univ., Bldg. 7, Bethlehem, Pa 18015 USA, for \$ 1.00.

Nomenclature and symbols of Heterogeneous Catalysis was published in Pure Appl. Chem. 46 (1976), 71 and in Advan. Catalysis 26 (1977) 351. *Nomenclature and symbols for natural and synthetic Zeolites* will be published shortly in Pure Appl. Chem. and J. Phys. Chem.

It is hoped that recommendations for reporting experimental data dealing with c.m.c.'s can also be published shortly.

Also a recommendation in the field of rheology, including surface rheology, is in preparation.

Plans for the immediate future include: light scattering, adsorption from solution, reporting gas adsorption data, reporting film balance data.

The author of this Newsletter acts also as a coordinator for groups known to be active in the field of preparing and characterizing heterogeneous catalysts with specific properties. Interested parties may contact prof. Lyklema.

Under the auspices of I.6 an education book was published: "Physical Chemistry: Enriching Topics from Colloid and Surface Science" (H. van Olphen and K.J. Mysels, editors), 2nd printing (1977) available at \$ 7.50 soft-cover and \$ 13.50 cloth, from Theorex, 8327 La Jolla Scenic Drive, Cal. 92037, USA.

3. Membership of Commission I.6

At present the membership is as follows:

Chairman:

Dr. K.J. Mysels
General Atomic Co.
POB 81608
San Diego, CA 92138
USA

Vice-chairman:

Prof. C. Kemball
Chemistry Dept.
University of Edinburgh
Edinburgh, EH9 3JJ
UK

Secretary:

Prof. J. Lyklema
Lab. for Physical and
Colloid Chemistry
State Agricultural University
De Dreijen 6
6703 BC Wageningen
The Netherlands

Titular Members:

Prof. J. Habber
Polish Academy of Sciences
Krakow, Poland

Prof. R.S. Hansen
Iowa State University
Ames, IA, USA
Prof. M. Kerker
Clarkson College of Technology
Potsdam, NY, USA

Prof. M.W. Roberts
University of Bradford
Bradford, UK
Prof. K. Tamaru
University of Tokyo
Tokyo, Japan

Associate Members:

Prof. G. Ertl
University of Munich
Munich, Fed. Rep. Germany

Prof. G.L. Haller,
Yale University
New Haven, CT, USA

Dr. P.C. Gravelle
CNRS
Villeurbanne, France

Prof. P. Mukerjee
University of Wisconsin
Madison, WI, USA

Dr. E. Terminassian-Saraga
University R. Descartes
Paris, France

Dr. I.I. Tretjakov
Academy of Sciences
Moscow, USSR

Dr. H. van Olphen
Doorwerth
The Netherlands

Prof. E. Wolfram
Lorand Eötvös University
Budapest, Hungary

National Representatives

Prof. D.H. Everett
University of Bristol
Bristol, UK

Prof. R. Haul
Technische Universität
Hannover, Fed. Rep. Germany

Dr. K. Morikawa
Japan Gasoline Co.
Tokyo, Japan

Prof. W. Schirmer
Academy of Sciences
Berlin, German Dem. Rep.

The commission will have a plenary meeting at the occasion of the 39th Assembly of IUPAC in September 1979 in Davos (Switzerland). By that time there will be a few vacancies because the terms of some members will have expired. Persons, able and willing to serve are invited to contact the chairman, prof. Mysels (General Atomic Co., POB 81608, San Diego, CA 92138 - USA).

4. IUPAC-sponsored International Conferences on Surface and Colloid Science

The Commission strongly supports the establishment at regular intervals of International Conferences of Surface and Colloid Science. It appears that some tradition is gradually evolving.

The first Conference was held in Budapest in 1975.

The second Conference was held in Puerto Rico in 1976, simultaneously celebrating the 50th anniversary of the Surface and Colloid Division of the American Chemical Society and the 50th Colloid and Surface Science Symposium.

The third Conference will be held in Stockholm, Aug. 20-25, 1979.

There will be invited papers, centered around some selected topics and contributed papers. The planned selected topics are: Micellar systems, Microemulsions for Tertiary Oil Recovery, Polymer Colloids, Adhesion and Wetting, Dispersions of Solids, Thin Liquid Films and Biomolecular Lipid Layers. Information obtainable from the Symposium chairman prof. Friberg, Dept. of Chemistry, Univ. of Missouri, Rolla, USA, or from the Swedish Institute for Surface Chemistry, c/o Stockholm Convention Bureau, Strandvägen 7C, S-11456 Stockholm (Sweden).

There are plans to invite *the fourth Conference* to Jerusalem probably in 1981. As the Comité International de la Détérgence, which was used to organise the International Congresses on Surface-Active substances was dissolved on June 9, 1978 it is suggested that some tasks of this group could be taken over, hence the organisers intend to call it the "4th Int. Conference on Pure and Applied Surface and Colloid Science".

Information from prof. A.S. Kertes, chairman Israeli Colloid and Surface Chemistry Section, Institute of Chemistry, The Hebrew Univ., Jerusalem, Israël.

5. Other conferences in the field of surface and colloid science

5.1. Meeting on the Liquid-Liquid Interface and Emulsion Stability.

September 21-22, 1978, Univ. of Hull, UK, organised by the Colloid and Interface Science Group of the Faraday Division of the British Chem. Soc.

Information: dr. W.D. Cooper, Dept. of Chemistry, University of Edinburgh, EH9 3JJ Edinburgh, UK.

5.2. VI European Conference on "Chemistry of Interfaces", Varna, Bulgaria.

Sept. 25-30, 1978. This conference will already be fully booked when this Newsletter is published. It is part of a series, formerly called "Euchem Conferences".

The standing committee consists of prof. G.D. Parfitt, UK (chairman), prof. J. Lyklema (Neth.), prof. A. Sheludko (Bulgaria), dr. E. Terminassian-Saraga (France), prof. B. Težak (Jugoslavia) and prof. A. Weiss (Germany, FR). This committee is affiliated to the Kolloid Gesellschaft. It is intended that the Vth conference of this series is to be held in Åbo, Finland in 1980.

- 5.3. *World Protein Conference*, Oct. 29-Nov. 3, 1978. RAI-Centre, Amsterdam, Netherlands.
Contact: c/o Fernof, drs. C. Meershoek, Raamweg 44, The Hague, Netherlands; American Oil Chemists' Soc., 508 South Sixth Str., Champaign, Illinois 61820.
- 5.4. *International Polymer Latex Conference*. Oct. 31-Nov. 2, 1978, London, UK. Contact person: dr. R.H. Craven, Plastics and Rubber Institute, 11 Hobart Place, London SW, 1W OHL; (UK).
- 5.5. *First Australian Conference on Surface and Colloid Science*, November 6-10, 1978, Surfers Paradise near Brisbane, Australia, organised by the RACI Division of Colloid and Surface Chemistry. Topics: Blockcopolymers, Floc structure and flow behaviour, stability, wetting, interface models, Colloids in aqueous environment, Adsorption, Desorption, Application to mineral processing.
Correspondence: dr. L.J. Warren, CSIRO Division of Mineral Chemistry, POB 124, Port Melbourne, Victoria 3207, Australia. Tel. (03) 647 0211.
- 5.6. *International Symposium on Advances in Polymer Systems*. Nov. 14-17, 1978, Marriott Twin Bridges Hotel. Washington D.C.
Contact person: dr. R.H. Wood, Soc. of Photographic Scientists and Engineers, 1411 K Street N.W., Suite 930, Washington D.C., USA.
- 5.7. *9th Biennial Polymer Symposium of the Am.Chem.Soc.*, Nov. 18-22, 1978. Key Biscayne Hotel, Florida. Correspondence: dr. M. Shen, Dept. of Chem.Eng., Univ. of California, Berkeley, Calif. 94720, USA.
- 5.8. *Air Bubbles - Their Interactions and Application*, Dec. 19, 1978, 14 Belgrave Sq. London. Joint Meeting of British Soc. of Chem. Industry and the Colloid & Interface Sci. Group etc. (see 5.1.).
Information: dr. W.D. Cooper, Dept. of Chemistry, University of Edinburgh, EH9 3JJ Edinburgh, UK.
- 5.9. *Neutron Beam Studies on Colloidal Dispersions and Interfaces*. March 29-30, 1979, Univ. of Oxford (JK). Organised by the Coll. & Interface Sci. Group etc. (see 5.1.).
Information: dr. W.D. Cooper, Dept. of Chemistry, University of Edinburgh, EH9 3JJ Edinburgh, UK.
- 5.10. CSI-ACS Joint Chemical Congress: *International Conference on Adhesion and Absorption of Polymers*. Honolulu, Hawaii, April 2-6, 1979. Information: dr. Lieng-Huang Lee, chairman. Webster Research Center, Xerox Corporation, Xerox Square, Rochester, N.Y. 14644, USA.
- 5.11. American Chemical Society, *Division of Colloid and Surface Chemistry Meeting*, April 1979, Honolulu, Hawaii. Meeting Secretary: M.E. Schrader, David W. Taylor Naval Ship R&D Center, Annapolis, Md. 21402, (301) 267-2484, 267-3576.
Coorganizers: J. Kratochvil, Dept. of Chemistry, Clarkson College of Technology, Potsdam, N.Y. 13676; K. Shinoda, Dept. of Applied Chemistry, Faculty of Engineering, Yokohama National Univ., 2-23-1 Ooka, Minami-ku, Yokohama 233, Japan; J.L. Garnett, Univ. of NSW, P.O. Box 1, Kensington, NSW 2033, Australia, and D.H. Napper, School of Chemistry, Univ. of Sydney, Sydney 2006, Australia.
Titles of papers by Sept. 1, 1978; 4 copies of 200-word abstract (original on ACS Abstract Form) by Oct. 1, 1978. Submission of the title is necessary to assure consideration of the abstract.

- General Papers. (Joint: Division of Colloid & Surface Chemistry, CSJ).
- Interfacial Phenomena*. Cochairmen: F.C. Goodrich, Dept. of Chemistry, Clarkson College, Potsdam, N.Y. 13676, and R. Matuura, Dept. of Chemistry, Faculty of Science, Kyushu Univ., 6-10-1, Hakozaki, Higashi-ku, Fukuoka, Japan.
- Colloidal Dispersions*. Cochairmen: E. Matijević, Dept. of Chemistry, Clarkson College, Potsdam, N.Y. 13676, and K. Inouye, Dept. of Chemistry, Faculty of Science, Chiba Univ., 1-33, Yayoicho, Chiba, Japan.
- Surfactants and Micelles*. Chairman: P. Becher, ICI United States, Wilmington, Del. 19897, and R. Matuura.
- Catalysis and Related Subjects*. Cochairmen: G. Haller, Mason Lab., 9 Hillhouse Ave., Yale Univ., New Haven, Conn. 06520, and I. Yasumori, Dept. of Chemistry, Tokyo Institute of Technology, Ookayama, Meguro-ku, Tokyo, Japan.
- Miscellaneous Topics*. Chairman: J.T. Yates Jr., B-248, Chemistry, Surface Processes & Catalysis Division, National Bureau of Standards, Washington, D.C. 20234.
- Surface Science of Catalysts: Surface Intermediates* (Joint: Division of Colloid & Surface Chemistry, CSJ). Cochairmen: J. Lunsford, Dept. of Chemistry, Texas A&M Univ., College Station, Tex. 77843, and Y. Kubokawa, Dept. of Applied Chemistry, College of Engineering, Univ. of Osaka Prefecture, Mozu-umemachi, Sakai, Osaka 591, Japan.
- Molecular Processes at Solid Surfaces: Atomic and Electronic Structure and Correlations with Reactivity* (Joint: Division of Colloid & Surface Chemistry, CSJ). Cochairmen: C.S. Fadley, Dept. of Chemistry, Univ. of Hawaii, Honolulu, Hawaii 96822, and K. Tamaru, Dept. of Chemistry, Faculty of Science, Univ. of Tokyo, Hongo, Tokyo 113, Japan.
- Surface Chemistry in Biology and Medicine: Molecular Association and Biomimetic Catalysts* (Joint: Division of Polymer Chemistry Inc. and Division of Colloid & Surface Chemistry, CSJ). Cochairmen: E.H. Cordes, Dept. of Chemistry, Indiana Univ., Bloomington, Ind. 47401, and N. Ise, Dept. of Polymer Chemistry, Kyoto Univ., Kyoto, Japan.
- Physicochemical Properties of Colloidal Particles: Stabilization and Flocculation - General and Theoretical*. Cochairmen: A.I. Medalia, Cabot Corp., Billerica, Mass. 01821, and D.H. Napper, School of Chemistry, Univ. of Sydney, Sydney 2006, Australia.
- Physicochemical Properties of Colloidal Particles: Stabilization by Surfactants* (Joint: Division of Colloid & Surface Chemistry, CSJ). Cochairmen: R.L. Rowell, Dept. of Chemistry, Univ. of Massachusetts, Amherst, Mass. 01003, and K. Shinoda, Dept. of Chemistry, Faculty of Engineering, Yokohama National Univ., Minamiku, Yokohama, Japan.
- 5.12. *53rd Colloid and Surface Sci. Symposium*, Rolla, Missouri, June 11-13, 1979, sponsored by the Division of Colloid and Surface Chemistry of the American Chemical Society and the Univ. of Rolla, Miss. 2 Copies of 200-word abstract (original on ACS Abstract Form) by Jan. 12, 1979. Local chairman: S. Friberg, Dept. of Chemistry, Univ. of Missouri, Rolla, Mo. 65401, USA.
 - Association of Surfactants* (Inverse Micelles; Liquid Crystals; Microemulsions, Structure and Stability; Microemulsions for Modification of Photochemical Reactions), S. Friberg.
 - Aerosols* (Light Scattering by Aerosols; Generation and Detection of Submicron Aerosols; Symposium on Nucleation honoring A.C. Zettlemoyer), Patricia Plummer, James Kassner, address: see above.
 - Gas-Solid Surface Interactions*, hon. Lloyd Thomas, H. Wachman, MIT, Cambridge, Mass. 02139, and V. Roach, Univ. of Missouri, Rolla, Mo. 65401.
 - Properties and Characterization of Colloidal Dispersions*, hon. W. Heiler, E. Matijević, Clarkson College, Potsdam, N.Y. 13676, USA.
 - Interfacial Aspects of Solid/Liquid Separations*, D. Goddard, Union Carbide, Tarrytown, N.Y. 10591, USA.
 - Surfactants Prepared by Plasma Treatments*, K. Yasuda, Univ. of Missouri, Rolla, Mo. 65401, USA.

- 5.13. "Achena 1979" - 19th Chemical Engineering Exhibition and Congress, June 17-23, Frankfurt/Main (GFR). For information contact the Dechema, Postfach 970146, D 6000 Frankfurt/Main 97 (GFR).
- 5.14. 5th Int. Summer Conference "Chemistry of Solid-Liquid Interfaces and Symposium on Interfacial Phenomena in Colloid Systems", Cavtat-Dubrovnik, Jugoslavia, June 24-July 3, 1979. Invited lectures, attendance limited to 120. Information: Center for Marine Research, Ruđer Bošković Institute, P.O. Box 1016, YU-41001 Zagreb, Jugoslavia.
- 5.15. 19th Prague Microsymposium on Macromolecules: Mechanisms of degradation and Stabilization of Hydrocarbon Polymers. (IUPAC-sponsored). July 2-19, 1979. Information: PMM secretariat, dr. P. Cefelin. Institute of Macromolecular Chemistry, 1888 Petriny, Prague 6, Czechoslovakia.
- 5.16. 20th Prague Microsymposium on Macromolecules: Micro-calorimetry of Macromolecules. (IUPAC-sponsored). July 16-19, 1979. Information: PMM secretariat, dr. P. Cefelin. Institute of Macromolecular Chemistry, 1888 Petriny, Prague 6, Czechoslovakia.
- 5.17. American Chem. Soc., Division of Colloid and Surface Chemistry Meeting, Sept. 9-14, 1979. Washington D.C., USA.
Titles of papers by April 17, 1979, 4 Copies of 200-word abstract (original on ACS Abstract Form) by May 8, 1979. Submission of the title is necessary to assure consideration of the abstract.
General Papers. J.T. Yates, B-248, Chemistry, National Bureau of Standards, Washington, D.C. 20234.
Ultrafiltration Membranes and Applications. A.R. Cooper, Dynapol, 1454 Page Mill Rd., Palo Alto, Calif. 94304.
General Papers in Catalysis and Related Subjects. G.L. Haller, Dept. of Engineering & Applied Science, Yale University, New Haven, Conn. 06520.
Surface Science of Catalysts: Vibrational Spectroscopies Applied to the Characterization of Adsorbed Species in Catalysis. A.T. Bell, Dept. of Chemical Engineering, Univ. of California, Berkeley, Calif. 94720.
Physicochemical Properties of Colloidal Particles: the Effect of Surface Chemistry of Colloidal Materials on Mechanical Properties of Composites. (Joint: Division of Organic Coatings & Plastics Chemistry). E.M. Dannenberg, Engineering Experimental Station, Georgia Institute of Technology, Atlanta, Ga. 30332.
Physicochemical Properties of Colloidal Particles: the Effect of Surface Chemistry of Activated Carbon on Adsorption. (Joint: Division of Environmental Chemistry). S.B. Smith, Engineering Experimental Station, Georgia Institute of Technology, Atlanta, Ga. 30332.
Production and Conservation of Energy: Catalysis. (Joint: Divisions of Inorganic Chemistry, Petroleum Chemistry Inc., and Physical Chemistry). See Division of Inorganic Chemistry for details.
Water in Polymers. (Joint: Division of Polymer Chemistry and Macromolecular Secretariat). see Macromolecular Secretariat for details.
- 5.18. 28th Int. Symposium on Macromolecules. Sept. 17-21, 1979. Mainz (GFR), IUPAC-sponsored, organised by the Gesellschaft Deutscher Chemiker. Topics: A. Synthesis, B. Selected Topics in Polymer Chemistry, C. Structure and Thermodynamics of Solutions, Gels and Polymer Mixtures, D. Dynamics of Polymer Systems, E. State of Order and Transition Phenomena, F. Selected Properties and Application of Polymers.
Information: Secretary General "Makro Mainz 1979", Dr. W. Fritzsche, Gesellschaft Deutscher Chemiker. P.O. Box 900440, D-6000 Frankfurt 90 (GFR).

- 5.19. Organisation of Macromolecules in the Condensed Phase. Faraday Discussion, to be held during the week beginning Sept. 24, 1979. Information: prof. A. Keller, Department of Physics, Univ. of Bristol, UK.
- 5.20. Surface Active Agents - Their Modes of Action and Applications. Sept. 26-29, 1979. Univ. of Nottingham (UK). Joint Meeting of the British Soc. of Chem. Industry and the Coll. & Interface Sci. Group etc. (see 5.1.).
Information: dr. W.D. Cooper, Dept. of Chemistry, University of Edinburgh, EH9 3JJ Edinburgh, UK.
- 5.21. Dynamic Aspects of Liquid/Liquid Interfaces. April 1980. Univ. of Loughborough. Organised by the British Soc. of Chem. Industry and the Coll. & Interface Sci. Group etc. (see 5.1.).
Information: dr. W.D. Cooper, Dept. of Chemistry, University of Edinburgh, EH9 3JJ Edinburgh, UK.
- 5.22. 5th International Conference on Zeolites. June 2-6, 1980, Naples, Italy.
Information: prof. R. Sersale, Institute of Applied Chemistry, Faculty of Engineering, Univ. of Naples, 80125 Napoli (It.).
- 5.23. VII International Congress of Catalysis. June 30-July 4, 1980, Tokyo, Japan, IUPAC sponsorship applied for.
Contact address: prof. dr. Iwao Yasumori, Secretary-general, Dept. of Chemistry, Tokyo Institute of Technology, 2-12-1, Ookayama, Meguro-ku, Tokyo 152, Japan.
- 5.24. Nonaqueous Colloidal Dispersions. Sept. 16-18, 1980. Univ. of Edinburgh, organised by the British Soc. of Chem. Industry and the Colloid & Interface Sci. Group etc. (see 5.1.).
Information: dr. W.D. Cooper, Dept. of Chemistry, University of Edinburgh, EH9 3JJ Edinburgh, UK.
6. Information on National Groups in Surface and Colloid Science
Under this heading only representatives and contact addresses of groups, committees, societies etc. in the field are collected.
For more detailed information on addresses see item 8.
- United Kingdom. The composition 1977-1978 of the Colloid and Interface Science Group of the Faraday Division of the Chemical Society is: prof. R.H. Ottewill (chairman), dr. W.D. Cooper (Hon. secretary), dr. J.W. Goodwin (Hon. treasurer), dr. R. Aveyard, dr. A. Lips, dr. J.F. Padday, dr. M.J. Jaycock, dr. G.D. Parfitt.
Address of Hon. secretary: Dept. of Chemistry, Univ. of Edinburgh, Edinburgh EH9 3JJ: Tel. Edinburgh 667-1081 Ext. 3426.
Current membership 435, incl. 98 overseas members.
- South America. Dr. G. Gonzales has offered to act as a contact person for Latin America. His temporary address: School of Chemistry, Univ. of Bristol, Cantock's Close, Bristol BS8 1TS, UK.
Dr. A.J.G. Maroto, can be contacted for Argentina; Comisión Nacional de Energía Atómica, Depto. Química de Reactores, Avda Libertador 8250, Buenos Aires - Cap.Fed., Argentina.
- Australia. A new Division of the Royal Australian Chemical Institute, the Division of Colloid and Surface Chemistry, was formed on March 3, 1978. The first Committee has the following composition: Sir Ian. W. Wark (president), prof. T.W. Healy (chairman), prof. R.J. Hunter (vice-chairman), dr. L.J. Warren (secretary), dr. G.J. Sparrow (treasurer),

dr. D.E. Yates (editor), dr. C.T. Barnes, dr. R.S.B. Greene, dr. S.K. Nicol, prof. B.W. Ninham, mr. J. Ralston.
Address secretary: dr. I.J. Warren, CSIRO Division of Mineral Chemistry, P.O. Box 124, Port Melbourne, Victoria 3207, Australia.
Tel. (03) 647 0211.

Taiwan. In 1977 the Taiwan Association of Surface Scientists was established. The President is prof. Chen-Shen Chao, Dept. of Chemistry, National Cheng Kung Univ. Tainan, Taiwan, The Republic of China.

Japan. In 1976 a Colloid and Surface Chemistry Division in the Chemical Society of Japan was founded. The representative is prof. K. Shinoda, Department of Chemistry, Faculty of Engineering, Yokohama National Univ., Minamiku, Yokohama, Japan.

United States. The 1978 Composition of the Division of Colloid and Surface Chemistry in the American Chemical Society is as follows:

W. Keith Hall (chairman), Dept. of Chemistry, Univ. of Wisconsin, Milwaukee, Wisconsin 53201; J.P. Kratochvil (chairman-elect); J.T. Yates Jr. (vice-chairman); F.J. Micala (secretary), Sinclair Laboratory, Bldg. 7, Lehigh University, Bethlehem, Pennsylvania 18015; R.R. Rye, (treasurer); Malcolm E. Schrader (meeting secretary); E. Matijevič (Colloid Symposium Committee 1977-1978); Tomlinson Port Jr. (past chairman counselor); Albert C. Zettlemoyer (councilor 1978-1980); Karol J. Mysels (councilor 1976-1978).

Hungary. Commission on Colloid and Surface Chemistry of the Hungarian Academy of Sciences. (Founded 1966, membership ca. 30, organizes semi-annual meetings, often with invited foreign speakers).
Chairman: prof. E. Wolfram, secretary: dr. T. Szekrényesi, Dept. of Physical Chemistry, Polytechnical Univ., Budafoki út. 8, H-1111 Budapest, Hungary.

Group for Colloid Chemistry and Rheology of the Hungarian Chemical Society. (Founded 1975, membership ca. 80, organizes one-day symposia).
Chairman: prof. E. Wolfram; co-chairmen: prof. L.G. Nagy and prof. P. Snör; secretary: dr. G. Székely, Department of Physical Chemistry, Polytechnical University, Budafoki út. 8, H-1111 Budapest, Hungary.

7. Information on Journals

7.1. There is considerable talk about the possible establishment of a new journal "*Journal of Applied Surface and Colloid Science*".
The basic ideas are to cover the more applied aspects of Colloid and Interface Science and to relieve the pressure on J. Colloid Interface Science, so that its backlog can be reduced and to bring industrialists and academic workers closer together.
Contact person: dr. P. Somasundaran, Krumb School of Mines, 918 S.W. Mudd, Columbia University, 520 W. 120th Street, New York - N.Y. 10027, USA.

7.2. The former "Transactions of the Society of Rheology" is now renamed to "*Journal of Rheology*". It is published bimonthly, one volume per year, by John Wiley.
Manuscripts to dr. R.R. Myers, Chemistry Department, Kent State University, Kent, Ohio 44242, USA.
Other correspondence to John Wiley, Journals Department, 605 Third Avenue, New York, N.Y. 10016, USA.

7.3. New Journal: *Applications of Surface Science* (North Holland Publ. Co., Amsterdam). Editor: R.L. Park.
Devoted to the technological implications of the microscopic force laws that govern the properties of surfaces and interfaces. This journal may be looked at as a branch-off of "Surface Sci.". Price Dfl. 170,- for

1977-1978. Address: North Holl. Publ. Co., P.O.B. 211, 1000 AE Amsterdam; Promoting manager: J. Dirkmaat (tel. 020-5153347).

7.4. New Journals in related fields:

Journal of Chromatography - Biomedical applications. Editor: K. Macek, Elsevier, J. van Galenstraat 335, Amsterdam; Dfl. 124,- for 1977.

Journal of Liquid Chromatography. Editor: J. Cazes. M. Dekker, New York; \$ 48.- for 1978.

Progress in crystal growth and characterization. (review journal). Editor: B.M. Pamplin. Pergamon Press, Oxford. \$ 55.- for 1977-1978.

8. Mailing of this Newsletter

Between 150 and 200 copies of this first Newsletter are airmailed to 27 countries all over the world. Some addressees receive the Newsletter personally, others on behalf of their functions in committees known to be active in the field of Surface and Colloid Science.

Although a fair coverage is achieved, the author feels that some countries are still underrepresented.

Examples: Spain, Eastern Europe, Middle East (except Israel), Central and South Asia, Africa and Central America. Suggestions are solicited for potential addressees in these countries or groups of countries.

People who are interested in (parts of) the Mailing List, for instance because they want to dispatch some information directly, can request copies from the author, provided it is not used for commercial purposes.

9. Future Newsletters

The viability of this type of Newsletter depends crucially on the continued cooperation and support of many workers in the field. In fact, many scientists from all over the world (several of them in more remote areas) have contributed to this Newsletter and/or showed their interest.

Everybody who has anything to communicate of more than local interest is invited to inform the author of this Newsletter about it, giving as complete details as possible. In particular, if (international) meetings are announced a contact address is needed. Depending on the amount of information that will be received, it is intended to compose a second CIS International Newsletter within roughly half a year from now. It is regretted that no long pieces, showing the opinion of authors can be published, but constructive suggestions for improvement will be seriously considered.

10. Account

The information contained in this letter is taken from formal announcements and from contributions given to the author by several workers in the field. These contributions are gratefully acknowledged.

Although the author has composed this letter to the best of his knowledge, he nor the TUPAC can accept any responsibility for problems that might arise due to inadvertent errors. It is also impossible for him to answer specific questions about the scientific meetings mentioned in this Newsletter.

This letter and the required correspondence has been largely paid out of local funds. Financial support to continue this letter is welcome but not compulsory; so is moral support.

Prof. dr. J. Lyklema
Laboratory for Physical and Colloid Chemistry,

Agricultural University,

De Dreiljen 6,

6703 BC Wageningen - The Netherlands.