

IACIS

INTERNATIONAL ASSOCIATION OF COLLOID
AND INTERFACE SCIENTISTS

COLLOID AND INTERFACE SCIENCE INTERNATIONAL NEWSLETTER

No. 11 - June 1986

COMPILED BY J. LYKLEMA

June 1986

1. ABOUT THE NEWSLETTER/FROM YOUR NEWSLETTER EDITOR

The main purpose of the NL is the same as that of IACIS, namely to promote international cooperation in colloid and interface science. It is hoped that through these letters colloid and interface scientists become better informed about forthcoming events and important developments, and about contact addresses in various countries.

Having so far compiled ten Newsletters, I want to obtain some feedback from the IACIS members. The sheer communication at the General Meeting at Potsdam that "the Newsletters are generally appreciated" deserves some elaboration!

For one thing, I would appreciate more information from IACIS members on future plans for meetings, even if these plans are provisional. As it stands now, I have to do a great deal of the News-retrieval on my own. For this NL, only four of the Council members and only a very few ordinary members contributed. Some correspondents in various parts of the world keep me informed about developments in their countries (e.g. in Great Britain, Australia and Japan). These contacts are highly appreciated.

The conference agenda (item 5 of this NL) is not only meant to fill the travel agenda of IACIS members, but also assists planners to look ahead. To my knowledge about five times over the past two years the NL has been instrumental in the planning of new conferences. Nevertheless I noted some items where the synchronisation could be better; see for instance 5.88 and 5.89 of this NL. Hence: please keep me posted and do so well in advance.

About the scope and frequency. Following earlier suggestions, I opened the NL for Post Doc advertisements (See NL10-1). Nobody reacted! Why not? Is the frequency too low? I am willing to increase it to, say, four times per year if council agrees with the proportional increase of costs, but only if I can depend more heavily on the alertness of the members.

Please react!

Hans Lyklema

Newsletter Secretary

2. STATUS OF THE NEWSLETTER, LIABILITY

The first two Newsletters (henceforth abbreviated as NL 1 and NL 2), dated September 1978 and July 1979 respectively, were written under the auspices of the IUPAC Commission on Surface & Colloid Science (Commission I.6) before IACIS was formally established. These letters were sent to IUPAC officials and to about 200 colloid and interface scientists in 28 countries, free of charge.

NL 3 appeared in June 1980 under IACIS auspices. It was also sent to those who are on the mailing list of NL 1 and NL 2.

Starting with NL 4, the Newsletters are only sent to IACIS-members, free of charge.

Parts of this NL may be copied provided the source is acknowledged.

Although everything is verified to the best of our knowledge, errors may occur; IACIS can not accept any responsibility for them.

Formal Correspondence address: Prof.dr. Hans Lyklema, Newsletter Editor, Department of Physical and Colloid Chemistry, Agricultural University, De Dreijen 6, 6703 BC Wageningen, Netherlands, Tel. 31 (Netherlands) - 8370 (area code) - 82279 (extension).

3. IACIS NEWS

3.1 Composition of council

As a result of the elections, the constitution of the Council is now as follows:

President	: Prof.dr. P. Stenius
President-elect:	: Prof.dr. D.H. Everett
Immediate Past President	: Prof.dr. E. Matijević
Vice-Presidents	: Dr. J. Israelachvili
	Prof.dr. E.D. Shchukin
	Prof.dr. K. Shinoda
Ordinary Members	: Prof.dr. A.W. Adamson
	Prof.dr. H.-F. Eicke
	Prof.dr. J.C. Eriksson
	Prof.dr. R.J. Hunter
	Prof.dr. M. Kerker
	Prof.dr. J.P. Kratochvil
	Dr. T.G.M. van de Ven
	Prof.dr. B. Vincent
	Dr. F. van Voorst Vader.

[Personal query of your Newsletter editor: Are the IACIS elections too democratic? The composition of Council does not seem to represent an equal distribution over the world and over workers in industry and academia. Two institutions are twice represented whereas important countries are not represented at all. Suggestions for changes are welcome to the president, Prof. Per Stenius, Institute for Surface Chemistry, PO Box 5607, S-11 486 Stockholm, Sweden.]

3.2 President's Message

As the new president of the IACIS I would first of all like to express our gratitude to the previous president, Egon Matijević, for everything he has done to promote the society. An association such as IACIS is not a goal in itself; we need it because it is in the interest of our science to have a forum through which we are able to organize international contacts and cooperation, and through which our rapidly growing science can make its voice heard. Egon realized this very clearly; he is driven by an enormous enthusiasm for his science, and this he also expressed in his activities to promote the IACIS. He has worked very actively to really bring in interests from all over the world and the international meeting in Potsdam last summer was an important milestone for colloid science and served to definitely establish the IACIS as the international body for cooperation between colloid scientists.

Egon, you have already been endowed with most of the honours that can be received by a colloid scientist. May I to these, on behalf of the IACIS, add our most sincere thanks for your work for the IACIS and for the way you are injecting life and inspiration into our science.

It is the task of the IACIS to carry on its international activities and to widen its membership. In my opinion, probably at the moment the most important task for the IACIS is to really make its presence felt more clearly, both among its members and by obtaining new members. We are already sponsoring several meetings, we can offer our members information and reduced fees at meetings. We could - and will consider - possibilities to widen these activities. However, it is above all important to widen the general knowledge about IACIS and to increase its membership. In this not only the council, but all members need to be active. I would very much welcome any views and suggestions that you have on the activities of the IACIS and how they could be improved.

Per Stenius

President

3.3 From the Membership Secretary

Many members reacted promptly on the request to pay their annual fee for 1986. Those who have not yet paid are kindly invited to do so at their earliest convenience. It is rewarding to notice that various members have great confidence in IACIS and its chances to survive, because some did pay already their fees till 1992!

Referring to the call for early information on meetings (even if they are still in an embryonic stage) by Hans Lyklema (see item 1 of this NL), such information can also be passed on to me since we keep close contacts.

If ever anybody would like to contact me for quick consultation, my telephone number is 31 (The Netherlands) - 8370 (area code) - 84270 (extension).

Bert Bijsterbosch,

Membership Secretary

3.4 About ECOS

Suggestions have been put forward for the foundation of an European Colloid Society (ECOS). A workshop is planned at Como (Italy), Oct. 1-3, 1986, where this idea will be further elaborated. The contact address is Prof. V. Degiorgio, Dipartimento di Elettronica, Università di Pavia, Sezione Fизica Applicata, Via Bassi 6, I-27100, Pavia, Italy.

It is hoped that, if this new society comes to life, it will maintain close connections with IACIS.

4. IACIS-SPONSORED MEETINGS

4.1 International Conference on Surface and Colloid Science

(previously IUPAC-sponsored, now under auspices of IACIS)

History: 1st Conference, Budapest, Hungary, 1973

2nd Conference, Puerto Rico, 1976

3rd Conference, Stockholm, Sweden, 1979

4th Conference, Jerusalem, Israel, 1981

5th Conference, Potsdam, NY, U.S.A., 1985

Future: 6th Conference, Hakone, Japan, 1988. See this NLS-88 and 6.

4.2 Volunteers to host the 7th Conference, to be held in 1991 and those who would like to make recommendations, are requested to contact our president, Prof. dr. Per Stenius, Institute for Surface Chemistry, PO Box 5607, S-11 486 Stockholm, Sweden.

At the General Meeting of June 1985, Europe has been put forward as a viable option. Later Bristol and a few other places have been suggested.

4.3 Other conferences sponsored or co-sponsored by IACIS

In addition to the large international conferences IACIS has supported and will support smaller meetings, all of this in the framework of its credo. Here follows a list of such smaller conferences.

1) Sept. 1983 Paris (Fr.) Physical Chemistry of Colloids and Interfaces:

Biotechnology and Drug Research

2) June 1984 Lund (S) 8th Scandinavian Symp. on Surface Chemistry with international participation

3) June 1984 Pittsburgh (U.S.A.) 58th Colloid & Surface Sci. Symp. ACS

4) May 1986 Zakopane (PL) IX European Chemistry at Interfaces Conference

5) June-July 1986 Crveni Otok (YU) 7th Int. Summer Conference on the Chemistry

of Solid-Liquid Interfaces

6) Sept. 1987 Eindhoven (NL) Polymers in Colloidal Systems. Adsorption, Stability and Flow. See this NLS-78.

5. CONFERENCES IN THE FIELD OF SURFACE AND COLLOID SCIENCE

NOTE 1. If information is already given in a previous Newsletter, it will be repeated here.

NOTE 2. I have refrained from including commercial courses, realizing that the distinction between them and non-subsidized (either or not advanced) courses is not always unambiguous.

1986

5.1 4th Int. Conference on Magnetic Fluids, July 28 - Aug. 1, 1986, Tokyo and Sendai, Japan. Contact: Prof. S. Kamiyama, Inst. of High Speed Mechanics, Tohoku Univ., Katahira 2-1-1, Sendai 980, Japan.

5.2 Int. Symp. on Flocculation in Biotechnology and Separation Systems, July 28 - Aug. 2, 1986, San Francisco - CA, U.S.A. Contact Dr. Y.A. Attia, The Ohio State Univ., 148 Fontana Labs, 116 W 19th Ave., Columbus - OH 43210-1179, U.S.A.

5.3 Particles on Surfaces: Detection, Adhesion and Removal, July 28 - Aug. 2, 1986, San Francisco - CA, U.S.A. Contact: Dr. K.L. Mittal, 6 David Court, Poughkeepsie - NY 12603, U.S.A.

5.4 Membrane Protein Symp., Aug. 3-6, 1986, San Diego - CA, U.S.A. Contact: Shirley Schlessinger, 400 E Randolph St., Chicago - IL 60601, U.S.A.

- 5.5 Speciality Polymer '86 - Electroactive Polymers, Aug. 6-8, 1986, Baltimore, U.S.A. Contact: J. Herriot, Speciality Polymers, Butterworth Sci., Ltd., PO Box 63, Westbury House, Bury St., Guildford, Surrey, GU2 5BH, U.K.
- 5.6 2nd Int. Symp. on Solubility Phenomena, Aug. 12-15, 1986, Newark - NJ, U.S.A. Contact: Dr. M. Salomon, Symposium Co-chairman, PO Box 254, Fair Haven - NJ 07701, U.S.A.
- 5.7 10th Int. Conf. on Non-Aqueous Solutions, Aug. 17-21, 1986, Leuven, Belgium. Contact: Dr. G. Maes, Dept. of Chem., Univ. of Leuven, Celestijnenlaan 200-F, B-3030, Heverlee, Belgium.
- 5.8 7th Int. Conference on Zeolite Chemistry, Aug. 17-22, 1986, Tokyo, Japan. Contact: Prof. Hiro-o Tominaga (7 IZG), Dept. of Synthetic Chem., Faculty of Engineering, The Univ. of Tokyo, Hongo, Bunkyo ky, Tokyo 113, Japan.
- 5.9 2nd Int. SPSJ Polymer Conference, Aug. 18-21, 1986, Tokyo, Japan. Contact the Secretariat of the Soc. of Polymer Sci. of Japan, Honshu Building, 5-12-8 Ginza, Chuo-ku, Tokyo 104, Japan.
- 5.10 6th Int. Symposium on Surfactants in Solution, Aug. 18-22, 1986, New Delhi, India. Contact: K.L. Mittal, 6 David Court, Raghoskeplee - NY 12603, U.S.A.
- 5.11 Synthesis of Polymer Liquid Crystals (EUCHEM), Aug. 19-22, 1986, Lahti, Finland. Contact: Dr. F. Sundholm, Dept. of Chemistry, Univ. of Helsinki, Et Hesperianskaty 4, SF-00100, Helsinki, Finland.

- 5.12 37th Meeting Int. Soc. of Electrochemistry, Aug. 24-31, 1986, Vilnius, Lithuanian S.S.R., with a.o. section on membrane electrochemistry. Contact: Dr. T. Agladze, Scientific Secretary, Karpov Inst. of Physical Chem., ul. Obukha 10, Moscow 107120, U.S.S.R.
- 5.13 6th Int. Workshop on Inelastic Ion Surface Collisions, Aug. 25-29, 1986, Argonne - IL, U.S.A. Contact: D.M. Gruen, Bld. 200, Argonne Natl. Lab., 9700 S. Cass Ave., Argonne - IL 60439, U.S.A.
- 5.14 New Composites: Applications, Aug. 25-29, 1986, Patras, Greece. Contact the COMP '86 Symposium, Dept. of Mechanical Engineering, Univ. of Patras, Patras, GR 26001, Greece.
- 5.15 Networks 86, Aug. 31 - Sept. 5, 1986, Elsinore, Denmark. Contact: Prof. O. Kramer, Dept. of Chem., Univ. of Copenhagen, Universitetsparken 5, DK-2100 Copenhagen 0, Denmark.
- 5.16 5th Int. Symp. on Synthetic Membranes in Science & Industry, Sept. 2-5, 1986, Tuebingen, Germany F.R. Contact the DECHEMA, Abt. Tagungen, Attn. Mrs. Birkenberg, PO Box 970146, D6000 Frankfurt 97, Germany F.R.
- 5.17 Int. Conference on Structure and Dynamics of Solid/Electrolyte Interfaces, Sept. 2-5, 1986, Berlin, Germany F.R. Contact: Prof. H. Gerischer, Fritz-Haber Institut der Max Planck Gesellschaft, Faradayweg 4-6, 1000 Berlin 33, Germany F.R.

5.18 ACS, 192nd Natl. Meeting, Sept. 7-12, 1986, Anaheim - CA, U.S.A. At least the following sub-symposia in the field of Colloid and Interface Science, with the Symposium Chairmen, are planned:

Photochemical and Electrochemical Surface Science: Polymer Films on Electrodes.

Prof. R.W. Murray, Department of Chemistry, University of North Carolina, Chapel Hill - NC 27514, and Dr. A.F. Diaz, IBM Corporation, 5600 Cottle Road, San Jose - CA 95191.

General Papers in Colloid Science and Related Topics. Dr. Ray Mackay, SMCCR-

RSC, Chemical Division, Research Directorate, U.S. Army Chemical Research and Development Center, Aberdeen Proving Ground - MD 21010.

Surface Chemistry in Biology, Medicine and Dentistry: Proteins at Interfaces.

Dr. Thomas Horbett, Dept. of Chemical Engineering, BF-10, University of

Washington, Seattle - WA 98195, and Dr. John Brash, Dept. of Chemical Engineering, McMaster University, Hamilton, Ontario, Canada L8S 4L7.

Surface Science of Catalysis: Surface Chemistry of Semiconductor Fabrication,

Prof. J. Reimer, University of California at Berkeley, Berkeley - CA, and H.

Sawin, Massachusetts Institute of Technology, Cambridge - MA.

Surface Science of Catalysis: Applications of Solid State NMR to Catalysis. Dr.

M. Duncan, AT&T Bell Laboratories, Murray Hill - NJ.

General Papers in Catalysis and Related Subjects.

Molecular Processes at Solid Surfaces: Kinetics and Intermediates in Surface

Reactions Characterized by Molecular Beam Studies. Dr. Sylvia T. Ceyer,

Department of Chemistry, MIT, Cambridge - MA 02139.

Surfactants and Association Colloids: Uses and Applications of Microemulsions.

Henry L. Rosano, Department of Chemistry, City University of New York, 139th Street and Convent Avenue, New York - NY 10031.

5.19 Conference on Industrial Applications of Immobilized Biocatalysts and of Heterogenized Metallic Complexes (EUCHEN), Sept. 7-12, 1986, Jaca, Spain.

Contact: J. Blanco, Instituto de Catalisis y Petroleoquimica del CSIC, c/o

Serrano 119, 28006 Madrid, Spain.

5.20 New Syntheses and New Polymers, Sept. 8-12, 1986, Paris, France. Contact:

Prof. J. Brossas, Institut Charles Sadron, 6 Rue Boussignault, 67083

Strasbourg, France.

5.21 Surfactant Systems with Liquid-Liquid Interfaces, Sept. 9-10, 1986,

Hull, U.K. Contact: Dr. R. Aveyard, Dept. of Chem., Univ. of Hull, Hull HU6 7RX, U.K.

5.22 Composite Materials, Sept. 9-11, 1986, Paris, France. Contact the

Secretariat JNC5, Université de Technologie de Compiègne, BP 233, 60206 Compiègne, France.

5.23 Polymers in Medicine and Surgery (PIMS V), Sept. 10-12, 1986,

Noordwijkerhout, Netherlands. Contact: Mr. J.N. Ratcliffe, Plastics & Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

5.24 Int. Solvent Extraction Conference (ISEC '86), Sept. 11-16, 1986,

München, Germany F.R. Contact the DECHEMA, PO Box 970146, D6000 Frankfurt/M 97, Germany F.R.

5.25 Carbon Fibers, Properties and Applications, Sept. 15-17, 1986, Salford,

U.K. Contact the Meeting's Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX, U.K.

- 5.26 Colloid Science in Biology, Sept. 15-17, 1986, London, U.K. Contact: Dr. Th.F. Tadros, ICI Plant Protection Div., Jealott's Hill Research Station, Bracknell, Berksh. RG12 6EY, U.K.
- 5.27 22nd Int. Symp. on Advances in Chromatography, Sept. 15-18, 1986, Houston, U.S.A. Contact: A. Zlatkis, Dept. of Chem., Univ. of Houston - TX 77004, U.S.A.
- 5.28 Macromolecules 86 - Functional Polymers, Sept. 15-19, 1986, Oxford, U.K. Contact: Dr. R. Epton, School of Applied Sci., Wolverhampton Polytechnic, Wulfruna Street, Wolverhampton WV1 1LY, U.K.
- 5.29 EUCHEM Conference on Silica, Sept. 22-24, 1986, Strasbourg, France. Contact: A. Vidal, CNRS, 24 Avenue du Président Kennedy, F-68200 Mulhouse, France.
- 5.30 10th Colloquium on Gel Permeation Chromatography, Sept. 23-24, 1986, Strasbourg, France. Contact: Prof. Z. Gallot, Institut Charles Sadron, 6 Rue Boussignault, 67083 Strasbourg, France.
- 5.31 Promotion in Heterogeneous Catalysis, (Faraday Divs. Symp.) Sept. 23-25, 1986, Bath, U.K. Contact: Mrs. Y.A. Fish, Roy Soc. of Chem., Burlington House, London W1V 0BN, U.K.
- 5.32 Int. Membrane Conference, Sept. 24-26, 1986, Ottawa, Ont., Canada. Contact: N. Maliyandi, B-19 Environmental Health Centre, Health and Welfare Canada, Ottawa, Ont. K1A 0L2, Canada.

- 5.33 Water-soluble Polymers and Their Industrial Application, Sept. 24-26, 1986, Cambridge, U.K. Contact: I.D. Robb, Unilever Research, Port Sunlight Laboratory, Quarry Rd. East, Bebington, Wirral, Merseyside L63 3JW, U.K.
- 5.34 2nd European Symp. on Protein Purification Technologies, Sept. 30 - Oct. 3, 1986, Nancy, France. Contact the Secretariat of Symp., U 284 INSERM, Plateau de Brabois, 54511 Vandoeuvre les Nancy, France.
- 5.35 2nd World Conference on Detergents, Oct. 5-7, 1986, Montreux, Switzerland. Contact the Meeting Manager, Am. Oil Chemists' Society, 508 S. Sixth Street, Champaign - IL 61820, U.S.A.
- 5.36 39th Japan Colloid & Surface Sci. Symp., Oct. 6-8, 1986, Tsukuba, Japan. Theme: "Small particles and dispersions". Contact the Division of Colloid & Surface Chemistry of the Japanese Chem. Soc., 1-5 Surugadai, Kanda, Chiyodaku, Tokyo, Japan 101.
- 5.37 23rd Int. Symp. on Advances in Chromatography, Oct. 7-9, 1986, Chiba, Japan. Contact: N. Ikekawa, Dept. of Chem., Tokyo Institute of Technology, Ohokayama, Meguru-ku, Tokyo 152, Japan.
- 5.38 6th Int. Symp. on HPCL of Proteins, Peptides and Polynucleotides, Oct. 20-22, 1986, Baden-Baden, Germany F.R. Contact the Secretariat, PO Box 3980, D-6500 Mainz, Germany F.R.
- 5.39 Giornate delle Elettrochimica Italiana (bicentennial of Galvani's famous experiments in Electrochemistry; with international participation), Oct. 28-30, 1986, Bologna, Italy. Contact: Prof. D. Roffia, Istituto Chimico "G. Ciamician", Università di Bologna, Via Selmi 2, 40126 Bologna, Italy.

- 5.40 4th Polymer Microsphere Symp., Nov. 6-8, 1986, Japan. Contact: Dr. M. Nomura, Dept. of Industrial Chemistry, Fukui Univ., Fukui, Japan.
- 5.41 Int. Conference on Recent Advances in Solid/Liquid Separation, Nov. 12-13 1986, Columbus - OH, U.S.A. Contact: Mr. Ph. Wells, Synergic Communication Services Inc., 1989 West Fifth Avenue, Suite 5, Columbus - OH 43212, U.S.A.
- 5.42 13th Biennial Polymer Symp. ACS Divs. Polym. Chem., Nov. 23-26, 1986, Boca Raton - FL, U.S.A. Contact: F. Harris, Dept. of Polymer Sci., Univ. of Akron, Akron - OH 44325, U.S.A.
- 5.43 Langmuir Blodgett Films, Nov. 26, 1986, London, U.K. Contact: Dr. J.W. Feast, Dept. of Chemistry, Univ. of Durham, South Rd., Durham DH1 3LE, U.K.
- 5.44 Materials Research Fall Meeting, Dec. 1-5, 1986, Boston - MA, U.S.A. Contact: M.C. Alberty, M.R.S., 9800 McKnight Road, Suite 327, Pittsburgh - PA 15237, U.S.A.
- 5.45 Int. Symp. on Biocatalysis in Organic Media, Dec. 7-10, 1986, Wageningen, Netherlands. Contact: Dr. C. Laane, Dept. Biochem., Agricultural Univ., De Dreijen 11, 6703 BC Wageningen, Netherlands.
- 5.46 Application of Surface Sci. to Processing and Manufacturing, Dec. 7-12, 1986, Perth, Western Australia. Contact: Dr. Mie Thornber, CSIRO, Divs. of Minerals and Geochemistry, Underwood Ave., Floreat, W. Australia 6014.
- 5.47 4th Miami Int. Symp. on Multi-Phase Transport and Particulate Phenomena, Dec. 15-17, 1986, Miami Beach - FL, U.S.A. Contact the Secretariat c/o Clean

- Energy Research Institute, Univ. of Miami, PO Box 248294, Coral Gables - FL 33124, U.S.A.
- 5.48 Polymer-Polymer Interfaces, Dec. 15, 1986, London, U.K. Contact: Dr. M.B. Huglin, Dept. of Pure and Applied Chem., Univ. of Salford, Manchester, U.K.
- 5.49 Nucleation and Growth in Colloidal Systems, Dec. 16, 1986, London, U.K. Contact: Dr. R. Aveyard, Dept. of Chem., Univ. of Hull, Hull HV6 7RX, U.K.
- 1987
- 5.50 Polymers at Low Temperatures, Jan. 7-8, 1987, London, U.K. Contact PRI Conference Office, Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.
- 5.51 "Formula" Formulation Physical Chemistry and Applications, Febr. 4-6, 1987, Nice, France. Contact: Société chimique de France - Département Congrès, 250 Rue Saint-Jacques, 75005 Paris, France.
- 5.52 16th Australian Polymer Symp., Febr. 8-12, 1987, Melbourne, Australia. Contact: Dr. R.A. Shanks, 16 APS Chairman, Applied Chemistry Dept., Royal Melbourne Inst. of Technology, PO Box 2476 V GPO, Melbourne, Victoria 3001, Australia.
- 5.53 13th Australian Student Conference on Surface and Colloid Science, Febr. 1987, Kialoa (NSW, South Coast), Australia. Contact: Dr. R. Pashley, Austr. Natl. Univ., Dept. Appl. Mathematics, Research School of Phys. Sci., PO Box 4, Canberra - ACT 2600, Australia.

- 5.54 Int. Meeting Adhesion Society, Febr. 22-27, 1987, Williamsburg - VA, U.S.A. Contact: Prof. L.T. Drzal, Dept. of Chem. Engineering, Michigan State Univ., East Lansing - MI 48824-1226, U.S.A.
- 5.55 ACS, 193rd Meeting, April 5-10, 1987, Denver - CO, U.S.A. Contact: A.T. Winstead, ACS, 1155 16th Street NW, Washington - DC 20036, U.S.A.
- Divs. of Colloid & Surface Chem.:
- General Papers in Colloid Science and Related Topics: R. Mackay, SMCGR-RSC Chem. Divs., Research Directorate U.S. Army Chem. Research and Developments Center, Aberdeen Proving Ground - MD 21010
- Liquid Crystals and Ordered Fluids (tentative): W.J. Benton, Dept. Chem. Eng., Rice Univ., PO Box 1892, Houston - TX 77251
- Surface Chemistry in Biology, Medicine, and Dentistry: Bioelectrochemistry (tentative): M. Blank, Columbia Univ., Dept. of Physiology, 630 West 168th St., New York - NY 10032
- General Papers: I.I. Wachs, E. Stuva
- Photochemical and Electrochemical Surface Science: Photoelectrochemistry: N.R. Armstrong, Univ. of Arizona, Dept. Chemistry, Tucson - AZ 85721
- Kendall Award Symposium
- Divs. of Polymer Chemistry:
- High Performance Polymers for Harsh Environments: P. Hergenrother, (POLY-)NASA Langley Res., Hampton - VA 23665
- Polymer Science & Engineering Lecture Series No. 20 - Introduction to Inorganic & Organo-Metallic Polymers: K. Wynne - ONR, Chemistry Div. Acting Head, Office of Naval Res., 800 North Quincy St., Arlington - VA 22217
- International Symposium on Inorganic/Organo-Metallic Polymers (Cosponsored: INOR, PNSE): K. Wynne

- Plasma Polymerization and Plasma Modification of Polymers (Cosponsored: PNSE): Yasuda (PNSE), Univ. of Missouri, Chem. Eng. Dept., Rolla - MO 65401
- Recent Developments in Free Radical Polymerization: T. Hogan-Esch, Chem. Dept., Univ. of Florida, Gainesville - FL 23611
- Simulation and Theoretical Polymer Chemistry: H. Snyder, Du Pont, PPD Bldg. 10. Orange - TX 77630
- General Papers: B.M. Culbertson.
- 5.56 Brownian Motion (Faraday Discuss No. 83), April 7-9, 1987, Cambridge, U.K. Contact: Dr. M. Lai, Unilever Research, Port Sunlight Lab., Bebington, Wirral L63 3JW, U.K.
- 5.57 Ferroelectrics and Related Dielectric Phenomena in Ordered Crystals, April 7-9, 1987, Cambridge, U.K. Contact: Dr. D.K. Das Gupta, School of Electronic Engineering Sci., University College of North Wales, Dean Street, Bangor LL57 1UT, U.K.
- 5.58 The Chemistry and Physics of Intercalation (Annual Congress RSC Faraday Divs.), April 13-16, 1987, Swansea, U.K. Contact: Prof. J.H. Purnell, Dept. of Chemistry, University College, Singleton Park, Swansea SA2 8PP, U.K.
- 5.59 Materials Research Society Spring Meeting, April 21-25, 1987, Anaheim - CA, U.S.A. Info: M.C. Alberty, M.R.S., 9800 McKnight Road, Suite 327, Pittsburgh - PA 15237, U.S.A.
- 5.60 Rolduc Polymer Meeting, April 26-30, 1987, Rolduc, Netherlands. Contact: Prof. P.J. Lemstra, Eindhoven Univ. of Technology, Dept. of Polymer Technology, PO Box 513, 5600 MB Eindhoven, Netherlands.

- 5.66 4th Europ. Congress on Biotechnology, June 14-19, 1987, Amsterdam, Netherlands. Contact the Congress Secretariat "Organisatie Bureau Amsterdam B.V.", Europaplein 12, 1078 GZ Amsterdam, Netherlands.
- 5.67 31st Int. Symposium on Macromolecules, June 30 - July 4, 1987, Merseburg, Germany D.R. Contact: "Macro '87", Technische Hochschule "Carl Schorlemmer" Leuna-Merseburg, Otto-Nuschke Strasse, 4200 Merseburg, Germany D.R.
- 5.68 30th Symposium on Macromolecules, July 13-16, 1987, Prague, Czechoslovakia. Contact: Dr. P. Cefelin, secretary, Inst. of Macromolecular Chem., Czechoslovak Acad. Sci., Heyrovského namesti 2, CS-16206, Prague 6 - Petřiny, Czechoslovakia.
- 5.69 31st IUPAC Congress (with important session devoted to Colloid and Surface Science), July 13-18, 1987, Sofia, Bulgaria. Contact: Dr. R. Vlahov, Inst. of Organic Chem., Bulg. Acad. Sci., 1113 Sofia, Bulgaria.
- 5.70 9th int. Conference on Conduction and Breakdown in Dielectric Liquids, July 27-31, 1987, Salford, U.K. Contact c/o Dept. of Electronic and Electrical Engineering, Univ. of Salford, Salford M5 4WT, U.K.
- 5.71 Physical Chemistry of Iron and its Oxides, August 4-5, 1987, La Plata, Argentina. Contact: J. Vilche, INIFTA, 1900 La Plata, Argentina.
- 5.72 8th Int. Symposium on Solute-Solute-Solvent Interactions, Aug. 9-14, 1987, Regensburg, Germany F.R. Contact: Prof. J. Barthel, Dept. of Chem., Univ. of Regensburg, D-8400 Regensburg, Germany F.R.

- 5.61 Fifth Argentine Congress of Physical Chemistry, April 26-30, 1987, Mar del Plata, Argentina. Contact: Dr. J.A. Olabe, Dept de Química Inorgánica, Analítica y Química Física, Facultad de Ciencias Exactas y Naturales, Ciudad Universitaria, Pabellón II, Núñez, Buenos Aires, Argentina.
- 5.62 Colloid Chemistry and Ceramics, May 19, 1987, London, U.K. Contact: Dr. R. Aveyard, Dept. of Chem., Univ. of Hull, Hull HU6 7RX, U.K.
- 5.63 Journées d'Electrochimie 1986 (includes interfacial electrochemistry), June 1-4, 1987, Dijon, France. Contact the Secretariat, Laboratoire de Synthèse et d'Electrosynthèse Organométallique, Faculté des Sciences, 6 Blvd Gabriel, 21100 Dijon, France.
- 5.64 The 1987 Int. Congress on Membranes and Membrane Processes ICOM '87, June 8-12, 1987, Tokyo, Japan. Contact: Prof. Dr. S. Kimura, Inst. of Industrial Science, Univ. of Tokyo, Roppongi, Minatoku, Tokyo 106, Japan.
- 5.65 61st Colloid & Surface Sci. Symp. (Divs. Colloid & Surface Chem. ACS), June 14-17, 1987, Ann Arbor - MI, U.S.A. Contact: Dr. E. Gulari, 3168 Dow Building, Dept. Chem. Engineering, Univ. of Michigan, Ann Arbor - MI 48109-0135, U.S.A. Tentative list of symposia:
1. Protein adsorption and interaction with surfaces
 2. Scattering investigations of polyelectrolyte and macromolecular solutions
 3. Fundamental and applied research on microemulsions and micelles
 4. Use of surfactants for mobility control in CO₂ and N₂ enhanced oil recovery
 5. Topical drug delivery formulations
 6. New developments in particle and spray characterization
 7. Application of characterization to automotive exhaust catalysts
 8. Catalytic conversion of methane.

5.73 7th Int. Symposium on Affinity, Chromatography and Interfacial

Macromolecular Interactions, Aug. 17-21, 1987, Oberammergau, Germany F.R.

Contact: Prof. H.P. Jennissen, Institut für Physiologie, Physiologische Chemie und Ernährungsphysiologie der Universität, München, Veterinärstrasse 13, D-8000 München 22, Germany F.R.

5.74 IUPAC 34th Assembly, (with meetings of the Committee on Surface and

Colloid Science, including catalysis and of the Macromolecular Division), Aug. 21-29, 1987, Boston - MA, U.S.A.

5.75 9th Int. Biophysical Congress, Aug. 23-29, 1987, Jerusalem, Israel.

Contact: Mrs. Ruth Goldstein, The Aharon Katzir-Katchalsky Center, The Weizmann Inst. of Sci., Rehovot 76100, Israel.

5.76 8th Natl. Convention Royal Austr. Chem. Soc. (incl. Divs. on Colloid and

Surface Chemistry), Aug. 24-27, 1987, Australia. Contact the Convention Secretary Dr. R. Bishop, School of Chemistry, Univ. of New South Wales, Kensington, NSW 2033, Australia.

5.77 ACS., 194th Meeting, Aug. 30 - Sept. 4, 1987, New Orleans, U.S.A.

Contact: A.T. Winstead, ACS., 1155 16th Street NW, Washington - DC 20036, U.S.A.

Divs. of Colloid & Surface Chemistry:

Characterization and Applications of Membrane Minetic Agents - Recent Advances:

W.L. Hinze, Dept. Chem., Wake Forest Univ., Winston-Salem - NC 27109

Photochemical and Electrochemical Surface Science: Molecular Phenomena at

Electrode Surfaces: M.P. Soriaga, Dept. Chem., Texas A & M Univ., College

Station - TX 77843

General Papers in Catalysis and Related Topics: I.L. Wachs

General Papers in Colloid Science and Related Topics: R. Mackay, address see

5.55

Divs. of Polymer Chemistry:

Polymeric Microemulsions (Cosponsored: CELL, MACR, PMSE, POLY, RUBR)

Symposium on Polymer Wear, Lubrication, Friction, and Surface Structure

(Cosponsored: PMSE)

5.78 IACIS Symposium on Polymers in Colloidal Systems. Adsorption, Stability

and Flow, Sept. 7-9, 1987, Eindhoven, Netherlands. Contact: Prof.dr. G.J.

Fleer, Dept. of Physical and Colloid Chem., Agricultural University, De

Dreijen 6, 6703 BC Wageningen, Netherlands. (Please note that this is the meeting provisionally announced under NL10-6.52.)

5.79 33. Hauptversammlung der Kolloid Gesellschaft, Sept. 9-11, 1987, Graz,

Austria (Disperse systems, interfacial layers, membranes). Contact: Prof. K.

Hummel, Institut für Chemische Technologie Organischer Stoffe der Technischen Universität, Graz, Stremayrgasse 16/I, A-8010, Austria.

5.80 38th Meeting Int. Soc. of Electrochemistry (incl. sections on disperse

systems) Sept. 14-18, 1987, Maastricht, Netherlands. Contact: Dr. W. Visscher,

Laboratory for Electrochemistry of the Technical Univ. of Eindhoven, PO Box

513, 5600 MB Eindhoven, Netherlands.

5.81 Polypropylene Fibres and Textiles, Sept. 23-25, 1987, Nottingham, U.K.

Contact: Mr. M.D. Shuttleworth, Plastics & Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

5.82 Colloidal Aspects of Pesticidal and Pharmaceutical Formulations, Nov. 1987. Venue to be decided. Contact Dr. R. Aveyard, Dept. of Chem., Univ. of Hull, Hull HV6 7RX, U.K.

5.83 Hauptversammlung Kolloidgesellschaft, Contact Prof. dr. G. Lagaly, Kolloidgesellschaft e.V., Inst. für Anorganische Chemie, Universität Kiel, Olshausenstrasse 40-60, 2300 Kiel, Germany F.R.

1988

5.84 Solvation (Faraday Discuss. 85), March 28-30, 1988, Durhan, U.K. Contact: Prof. M.C.R. Symons, Dept. of Chem., The University, Leicester LE1 7RH, U.K.

5.85 Solid State Materials in Electrochemistry, (Ann. Congress Roy. Soc. of Chem., Faraday Divs.) April 12-15, 1988, Canterbury, U.K. Contact Prof. J.P. Simons, Dept. of Chem., Univ. of Nottingham, Nottingham NG7 2RD, U.K.

5.86 5th Hungarian Conference on Colloid and Interface Sci. (with international participation). Provisional: spring 1988 at Lake Balaton. Contact: Dr. F. Csmpesz, Dept. of Colloid Sci., Loránd Eötvös Univ., Budapest, Pushkin u, 1088 Budapest VIII, Hungary.

5.87 10th European Chemistry at Interfaces Conference, May 16-20, 1988, San Benedetto, Italy. Contact: Prof. S. Trasatti, Lab. of Electrochemistry & Metallurgy, 21 Via Venezian, 20133, Milano, Italy.

5.88 2nd World Surfactants Congress, May 24-27, 1988, Paris, France. Contact: Wagons-Lits Tourisme, Service Congrès, CESIO 88, 2 rue de la Paix, 75002 Paris, France.

5.89 6th Int. IACIS Conference on Surface and Colloid Chemistry, June 5-10, 1988, Hakone, Japan. Contact: the Division of Colloid and Surface Chem., The Chem. Soc. of Japan, 1-5 Kanda Surugadai, Chiyoda-ku, Tokyo 101, Japan.

5.90 ACS, 195th National Meeting, June 5-11, 1988, Toronto, Ont, Canada. Contact: B.R. Hodgson, 1155-16th Street N.W., Washington - DC 20036, U.S.A.

5.91 32nd Int. Symp. on Macromolecules, Aug. 1-6, 1988, Kyoto, Japan. Contact: Prof. Takeo Saegusa, Dept. of Synthetic Chem., Faculty of Engineering, Kyoto Univ., Yoshida-machi, Sakyo-ku, Kyoto 606, Japan.

5.92 9th Int. Conference on Catalysis, provisionally in July 1988, Alberta, Canada. Contact: Dr. Y. Amenomiya, Divs. of Chem. National Research Council, Ottawa, Ont. KIA 0R9, Canada.

5.93 10th World Congress on Rheology, Aug. 14-20, 1988, Sydney, Australia. Contact: Prof. R.I. Tanner, Dept. of Mechanical Engin., Univ. of Sydney, Sydney, NSW 2006, Australia.

5.94 ACS, 196th National Meeting, Sept. 25-30, 1988, Los Angeles. Contact B.R. Hodgson, 1155-16th Street N.W., Washington - DC 20036, U.S.A.

Preview 1989 and later

5.95 10th World Congress on Agglomeration, 1989, Japan.

5.96 8th Rudjer Bosković Summer Conference Solid/Liquid Interfaces,

Yugoslavia. Contact: Dr. V. Pravdić, Center for Marine Research 'Rudjer Bosković', PO Box 1016, 41001 Zagreb-Croatia, Yugoslavia.

5.97 11th European Chemistry at Interfaces Conf., G.D.R., probably May 1990.

- 5.98 63rd Colloid Symposium, Lehigh University, Bethlehem - PA, U.S.A., 1990
- 5.99 ACS National Meetings
- 197 Dallas, April 9-14, 1989
 - 198 Miami Beach, Sept. 10-15, 1989
 - 199 Boston, April 22-27, 1990
 - 200 Washington, Aug. 26-31, 1990
 - 201 Minneapolis, April 21-26, 1991
 - 202 New York City, Aug. 25-30, 1991.

6. REGIONAL AND PERSONAL NEWS

See also the information in the previous Newsletters.

India

An Indian Society for Surface Science and Technology has been founded in Oct. 1983. This society aims at providing a common platform to scientific and technical personnels of colloid and surface science in India and abroad for closer interaction. It proposes to organize lectures, seminars, workshops and the like in its area. The Second National Symposium on Surfactants, Emulsions and Biocolloids was held at the Indian Institute of Technology, New Delhi, India, in December, 1985.

The 6th International Symposium on Surfactants in solution is going to be held on August 18-22, 1986 in New Delhi under the joint auspices of the Society and the Indian Institute of Technology, New Delhi, India.

As a part of the programme of holding the national symposia every alternative year, the Society will organize its third national symposium in 1987 at Aligarh Muslim University, Aligarh, U.P., India. As in the last two symposia it expects some international participation by way of invited lectures and contributed papers.

The Society has undertaken the publication of a journal, Journal of Surface Science and Technology, biannually.

The contact address is: Prof. D.K. Chattoraj, Indian Society for Surface Science and Technology, Dept. of Chemistry, Jadavpur Univ., Calcutta-700 032, India. Phone: 72/4044, 4194, 4399, 4495.

Japan

The Division of Colloid and Surface Science of the Chemical Society of Japan, founded in 1976 has now 857 members. The chairman is Prof. K. Fukuda, Saitama University.

Here follows some news about the 6th Int. Conference on Surface and Colloid Science (see 5.88 of this NL): This international conference will cover almost all the fields of surface and colloid science. Creative works in this fields, with particular emphasis on newly developing subjects, are expected to be presented.

Organizing Staff:

Honorary Chairman:	E. Suito	(Kyoto Univ.)
General Chairman:	M. Nakagaki	(Kyoto Univ.)
Vice Chairmen:	K. Tamaru	(Sci. Univ. Tokyo)
	K. Fukuda	(Saitama Univ.)

International Scientific Committee:

Chairman:	K. Shinoda	(Yokohama N. Univ.)
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Organizing Committee:

Chairman:	K. Meguro	(Sci. Univ. Tokyo)
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Members:

S. Ikeda	(Nagoya Univ.)
K. Motomura	(Kyushu Univ.)
T. Takenaka	(Kyoto Univ.)
S. Usui	(Tohoku Univ.)
H. Iimada	(Chem. Soc. Japan) etc.
H. Kuroda	(Univ. Tokyo)

General Secretary:

Contact address: Division of Colloid and Surface Chemistry, The Chemical

Society of Japan, 1-5 Kanda-Surugadai, Chiyoda-ku, Tokyo 101, Japan.

United States

Division of Colloid and Surface Chemistry of the ACS. As per Jan. 1, 1986 the Chairman is Dr. R.L. Rowell, the chairman-elect is Dr. A.T. Bell and the secretary is Dr. E.L. Kugler, Exxon Research & Engineering Co., Clinton Township, Annandale - NJ 08801, U.S.A.

United Kingdom

Per July 1, 1986 the chairman of the Colloid and Surface Chemistry Group of the Society of Chemical Industry is Dr. Th.F. Tadros. The secretary is Dr. P.F. Luckham, Dept of Chem. Engineering, Imperial College, London SW7 2BP, U.K. Prof. N. Sheppard is now president of the Faraday Division of the Royal Society of Chemistry. The secretary is Prof. J.P. Simons, Dept. of Chem., Univ. of Nottingham, Nottingham NG7 2RD, U.K.

Australia

The president of the Division of Colloid and Surface Chemistry of the Royal Australian Chemical Institute is now Prof. B. Ninham; the secretary is Dr. L. Fisher, CSIRO Division of Food Research, PO Box 52, North Ryde, NSW 2113, Australia.

Personal

The German Kolloid Gesellschaft has awarded the Thomas Graham prize to Prof. E. Matijević.

7. NEW JOURNALS AND BOOKS

The main purpose of the following list is to inform IACIS-members on new titles in the field of colloid and surface science. Mention of a given title is not a guarantee of its quality. Details can only be given if this information has been made available. Suitable titles for forthcoming Newsletters can be

sent to the author of this Newsletter. We cannot accept any responsibility for omissions or errors, although of course the information in checked to the best of our knowledge.

7.A New Journals

Adsorption Science & Technology, P.A. Sermon, Ed., four issues per volume, £54.00 (U.K.), £65.00 (overseas), \$125.00 (U.S.A. & Canada), Blackwell, Oxford, U.K.

Advanced Ceramics Report, J. Binner, Ed., \$175.00 (12 issues?), introductory rate 1986 \$145.00, Elsevier, Oxford-New York-Amsterdam.

High Technology Ceramics, P. Popper, Ed., Vol. 1 (1985) two issues \$58.00 (U.K. £30.00) Vol. 2 (1986) four issues \$124.00 (U.K. £68.00), Elsevier, New York, U.S.A.

Journal of Adhesion Science and Technology, W.J. van Ooij, K.L. Mittal, Eds., four issues per volume, Vol. 1 (1986) DM 358.00 (air) or DM 346.00 (surface)

Journal of Materials Research, C.B. Duke, Ed., six issues per volume, Vol. 1 (1986) \$250.00-\$273.00, American Institute of Physics, New York, U.S.A.

7.B Serials

ACS Symposium Series (American Chemical Society, Washington, U.S.A.)
Vol. 279 Solid State Chemistry in Catalysis, R.K. Grasselli, J.F. Brazdil, Eds. (1985) £75.00
Vol. 280 Polymer Stabilization and Degradation, P.P. Klemchuk, Ed. (1985) £83.00

Vol. 281 Reverse Osmosis and Ultrafiltration, S. Sourirajan, T. Matsuura, Eds. (1985) £94.00

Vol. 308 Polymeric Reagents and Catalysts, W.T. Ford, Ed. (1985) \$65.95 (U.S.A. & Canada \$54.95)

Advances in Chemistry Series (American Chemical Society, Washington, U.S.A.)

Vol. 211 Multicomponent Polymer Materials, D.R. Paul, L.H. Sperling, Eds. (1986) \$95.95 (U.S.A. & Canada \$79.95)

Advances in Solid State Technology (Kluwer, Dordrecht, The Netherlands)

Vol. 2 Layered Structures and Interface Kinetics, S. Furukawa, Ed. (1985) £60.95

Chemical Industries Series (Dekker, New York-Basel)

Vol. 19 Adsorption technology: a step-by-step approach to process evaluation and application, F.L. Slejko, Ed. (1985) \$66.00

Materials Science Monographs (Elsevier, Amsterdam, New York)

Vol. 28 Reactivity of Solids, P. Barret, L.-C. Dufour, Eds. (1985) \$194.50 (two volumes)

Polymer Science and Technology (Plenum, New York, U.S.A.)

Vol. 30 Microdomains in Polymer Solutions, P. Dubin, Ed. (1986) \$90.00 (U.S.A. & Canada \$75.00)

Specialist Periodical Report (Royal Society of Chemistry, Letchworth, U.K.)

Vol. 7 Catalysis, G.C. Bond, G. Webb, Eds. (1985) \$87.00 (Vol. 1-7 \$296.00)

Springer Series in Surface Science (Springer, Berlin, Germany F.R.)

Vol. 1 Physisorption kinetics, H. Kreuzer, Z.W. Cortel (1986) DM 88.00

Studies in Physical and Theoretical Chemistry (Elsevier, Amsterdam, New York)

Vol. 36 Biomolecules: Electronic Aspects, C. Nagata et al., Eds. (1985) \$77.75

Vol. 38A The Chemical Physics of Solvation Part A: Theory of Solvation, R.R.

Dogonadze et al., Eds. (1985) \$120.50

Vol. 40 Stable Gas-in-Liquid Emulsions, J.S. D'Arrigo (1986) \$62.00

Studies in Surface Science and Catalysis (Elsevier, Amsterdam, New York)

Vol. 21 Adsorption and Catalysis on Oxide Surfaces, M. Che, G.C. Bond, Eds. (1985) \$94.50

Vol. 22 Unsteady Processes in Catalytic Reactors, Yu.Sh. Matros (1985) \$81.50

Vol. 23 Physics of Solid Surfaces, J. Koukal, Ed. (1985) \$72.25

Vol. 24 Zeolites, B. Držaj et al., Eds. (1985) in prep.

Vol. 25 Catalytic Polymerization of Olefins, T. Keii, K. Soga, Eds. (1986) \$126.00

Surfactant Science Series (Dekker, New York, U.S.A.)

Vol. 15 Electrical Phenomena at Interfaces: Fundamentals, Measurements and Applications, A. Kitahara, A. Watanabe, Eds. (1984) \$95.25

Vol. 17 Interfacial Phenomena, Equilibrium and Dynamic Effects, C.A. Miller, P. Neogi, Eds. (1985) \$83.25 (U.S.A. & Canada \$69.50)

Textile Science and Technology (Elsevier, Amsterdam, Netherlands)

Vol. 7 Absorbency, P.K. Chatterjee, Ed. (1985) \$85.25

7.C Books 1984

Solvent-Dependent Flexibility of Proteins and Principles of Their

Function, A.I. Käivaränen, Kluwer, Dordrecht, The Netherlands, £39.25

Nato Asi Series E: Applied Sciences, No. 85, R. Kossowsky, S.C. Singhal, Eds., Nijhoff, Dordrecht, The Netherlands

Proc. Sixth International Zeolite Conference, D. Olson, A. Bisio, Eds., Butterworth, Guilford, U.K.

7.D Books 1985

Electrokinetic Phenomena '85, Papers and Discussions, Measuring

Techniques and Applications, Akademie der Wissenschaften DDR, Inst. Technol. Polym., Dresden, G.D.R.

Laboratory manual on physical and colloidal chemistry for pedagogical institutes (in Russian), B.K. Almashev, Mektep Alma-Ata, U.S.S.R., Rub. 0.55

Standard Potentials in Aqueous Solution, A.J. Bard et al., Eds., Dekker, New York, U.S.A.

Stereochemistry of heterogeneous metal catalysis, M. Bartok et al., Wiley, Chichester, U.K., £85.00

Encyclopedia of Emulsion Technology in three volumes, P. Becher, Ed. Vol. 1: Basic Theory (1983) \$138.00 (U.S.A. & Canada \$115.00), Vol. 2: Applications \$114.00 (\$95.00), Dekker, New York, U.S.A.

Polysaccharide, W. Burchard, Ed., Springer, Berlin-New York, DM 88.00

Thermodynamics of the Adsorption of Solutions (in Russian), S.A. Busev et al., Nauka, Leningrad, U.S.S.R.

Surface Science Book, Proc. 7th European Conference on Surface Science, F. Cabane et al., Eds., North-Holland, Amsterdam, The Netherlands, Dfl. 222.00

A Guide to the HPLC Literature Vol. 3, H. Colin et al., Wiley, New York, U.S.A., \$100.00

Alternating Copolymers, J.M.G. Cowie, Ed., Plenum, New York, U.S.A.

Physics of Amphiphiles: Micelles, Vesicles and Microemulsions,

V. Degiorgio, M. Corti, Eds., North-Holland, Amsterdam, The Netherlands

Invited Papers on Surface Science, V. Dose, Ed., Springer, Berlin, Germany F.R.

Electro-surface phenomena and electrofiltration (in Russian),

S.S. Dukhin, V.R. Estrela-Llopis, E.K. Zholkovskii, Naukova Dumka, Kiev, U.S.S.R.

Magnetic Resonance in Colloid and Interface Science, J. Fraissard et al., Elsevier, Amsterdam, The Netherlands

Bioactive Polymeric Systems, an overview, C.G. Gebelein, C.E. Carraher Jr., Eds., Plenum, New York, U.S.A., \$114.00 (U.S.A. & Canada \$95.00)

Applied Surface Analysis, Proc. of the 6th Symposium, J.T. Grant, J.S. Murday, Eds., North-Holland, Amsterdam, The Netherlands

Powder Technology, K. Iino et al., Eds., Hemisphere, Washington, U.S.A., \$108.50

Powtech '85: Particle Technology, The Institution of Chemical Engineers, Pergamon, Elmsford, U.S.A.

Macromolecular Chemistry Vol. 3, A.D. Jenkins et al., Royal Society of Chemistry, Letchworth, U.K., \$175.00

Compendium of Macromolecular Nomenclature (The Purple Book), A.D. Jenkins, Ed., IUPAC Commission on Macromolecular Nomenclature, Blackwell, Oxford, U.K., ca. \$24.00

Synthetic Polymeric Membranes, R.E. Kesting, Wiley, New York, U.S.A.

Microbial Adhesion and Aggregation, K.C. Marshall, Ed., Springer, Berlin-New York, DM 59.00

Polymers: the origins and growth of a science, H. Morawetz, Wiley-Interscience, New York, U.S.A.

Emulgatoren für Lebensmittel, G. Schuster, Ed., Springer, Berlin, Germany F.R.

Disperse Systems (in Russian), K.Sh. Shatamirov, Kyrgyzstan Frunze, U.S.S.R., Rub. 0.15

Physicochemical Mechanics of Natural Disperse Systems (in Russian), E.D. Shehukin et al., MGU Moscow, U.S.S.R., Rub. 3.00

Instrumental Methods in Electrochemistry, Southampton Electrochemistry Group, Horwood, Chichester, U.K.

Solid Films and Surfaces Part 2, J.A. Spink, Ed., North-Holland, Amsterdam, The Netherlands

Lecithins, B.F. Szuha, G.R. List, American Oil Chemists' Society, Champaign, U.S.A., \$40.00

Membranes and Membrane Technology, Technological Institute of Enamelled Chemical Equipment, Nitekhim, Moscow, U.S.S.R., Rub. 0.75

Proceedings of the Symposium on the Chemistry and Physics of Composite Media, M. Tomkiewicz, P.N. Sen, The Electrochemical Society, Pennington, U.S.A.

Electrochemistry on liquid-liquid interfaces, P. Vanysek, Springer, Berlin, Germany F.R.

Macromolecular structure and specificity: computer-assisted modeling and applications, B. Venkataraghavan, R.J. Feldmann, Eds., New York Academy of Sciences, U.S.A.

Frontiers in Polymer Science, W. Wilke, Ed., Steinkopff, Darmstadt, Germany F.R.

7.E Books 1986

Electrophoresis. Theory, techniques, and biochemical applications (second edition), A.T. Andrews, Oxford University Press, U.K., \$49.00

Polymer containing disperse systems, A.A. Baran, Naukova Dumka, Kiev,
U.S.S.R. Rub. 2.20

Synthetic water-soluble polymers in solution, E. Bekturov, E.A. Bakauova,
Hüthig & Wepf, Heidelberg, Germany F.R., DM 150.00

Electrical Double Layers in Biology, M. Blank, Ed., Plenum, New York,
U.S.A., \$66.00 (U.S.A. & Canada \$55.00)

Polymers in solution. Theoretical considerations and newer methods of
characterization, W.C. Forsman, Ed., Plenum, New York, U.S.A., \$63.00 (U.S.A. &
Canada \$52.50)

Kleben. Grundlagen, Technologie, Anwendungen, G. Habenicht, Springer,
Berlin, Germany F.R., DM 240.00

Principles of Colloid and Surface Chemistry, 2nd Ed., P.C. Hiemenz,
Dekker, New York-Basel, \$40.00

Foundations of Colloid Science Vol. 1, R.J. Hunter et al., Oxford, U.K.
£60.00

Crystalline Solids, D. McKie, C. McKie, Vol. 1: Essentials of
Crystallography, cloth £25.00, paper £12.95; Vol. 2: Crystal Chemistry and
Crystal Physics, in prep.; Blackwell, Oxford, U.K.

Functional Properties of Food Macromolecules, J.R. Mitchell, D.A.
Ledward, Eds., Elsevier, London-Amsterdam-New York, £54.50 (U.K. £52.00)

Liquid Chromatography Detectors second completely revised edition, R.P.W.
Scott, Elsevier, Amsterdam-New York, \$64.75

8. NEWSLETTER IDEAS AND INFORMATION

All members are invited to send their suggestions on the scope and other
aspects of these Newsletters. Contributions to fostering international contacts
are specifically solicited but information on meetings is also very welcome.
The more material I receive, the more frequent the Newsletter!

Prof.dr. Hans Lyklema, Newsletter Secretary, Department of Physical and
Colloid Chemistry, Agricultural University, De Dreijen 6, 6703 BC Wageningen,
Netherlands.

Hans Lyklema