

IACIS

**International Association of Colloid
and Interface Scientists**

NEWSLETTER No.13

December 1987

compiled by J. Lyklema

1. ABOUT THE NEWSLETTER/FROM YOUR NEWSLETTER EDITOR

The main purpose of the Newsletter 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.

So far, I have edited 13 Newsletters. Although the task is not too heavy and I receive much help from my secretary, it is still too much a one-man show. Response from IACIS members is limited to a score of faithful correspondents who supply me with useful new items. Many people around the world show from time to time their appreciation for the NL (which is appreciated in turn) but if each member would write me once a year with the information he/she has available, the NL could become more encompassing, complete and useful.

The conference agenda (item 6 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; a particular specimen of poor planning is the coincidence of the 6th International IACIS conference in Hakone with the 195th ACS meeting in Toronto. Hence: please keep me posted and do so well in advance, even if the plans are only provisional. See also my note on conferences under "IACIS news".

Apart from the cover, we have a new department viz. the first position wanted advertisement (See under item 8). Is this going to become more regular?

With best wishes from your Newsletter Secretary

Hans Lyklema

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 and 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, Wageningen Agricultural University, P.O. Box 8038, 6700 EK Wageningen, The Netherlands, Tel. 31 (Netherlands) - 8370 (area code) - 82279 (extension).

3. IACIS NEWS

3.1 President's Message

We've now decided that the 1991 International Conference on Colloid and Interface Science will be arranged in Compiègne in France and that the 1994 conference will be held in Australia.

We've also been discussing the organisation of the IACIS in some detail and I've have asked a small working party consisting of Brian Vincent, Hans Lyklema and Douglas Everett to consider what could be done to make it possible for IACIS to

function better as an association with personal membership and to ensure adequate representation in Council for "industry", "academia" and different parts of the world. It is also now our experience that it is virtually impossible to gather more than a small fraction of the Council in its present form to discuss IACIS matters except at the international meetings so that a more flexible way of handling the matters of IACIS is required.

Based on the suggestions by the working party and discussions at the IUPAC meeting in Boston in August 1987, it is obvious that fairly extensive changes of the statutes are warranted. These should be approved of by the membership through ballot and therefore will require quite detailed preparation. Briefly, we intend to suggest changes along the following lines:

(i) A standing committee of the Council should take over most of the short-term decisions on IACIS matters. This committee would consist of the president, the president-elect, the immediate past president and the secretary. Such a standing committee presumably would be able to meet more frequently than Council.

(ii) The Council would meet at the international conferences. Half of the council would retire every two years. New members would partially be nominated and elected by the IACIS members, partially elected by Council.

(iii) Local organisations would be able to join IACIS as corporate members. They would be represented at Council through appointed Council members.

(iv) The IACIS would be held together above all through the Newsletter. We would therefore have to find possibilities to finance (at least) biannual publication of the Newsletter. In addition to personal membership fees this would perhaps be managed through (small) contributions from corporate members or companies.

(v) A separate account would be set up in Budapest into which members from East Europe would be able to pay their membership fees.

If changes along these lines are approved of, it will imply that IACIS becomes

not only an association which is primarily joined by colloid scientists personally (as it was originally intended to be) but also a forum for cooperation between local associations. IACIS, therefore, also should be in close contact with the IUPAC commission for Colloid Chemistry including Catalysis.

We are working on the details of these changes and the modifications of the statutes that are required. These will be put forward to you for approval.

Meanwhile, I would greatly appreciate any comments that you may have.

As a first extension of the present Council, we've asked the European Colloid and Interface Society to appoint a member as an observer. It is my pleasure to announce that the ECIS has appointed professor Heinz Hoffmann.

The next international meeting in Hakone is approaching rapidly. I hope to see as many as possible of you there!

Per Stenius

President

3.2 From the Membership Secretary

Membership amounts to 315:

Argentina	2	Japan	30
Australia	9	The Netherlands	25
Belgium	5	Poland	3
Brazil	2	Portugal	1
Bulgaria	2	Romania	1
Canada	17	Spain	2
China	2	Sweden	23
Denmark	1	Switzerland	3
Ecuador	1	U.K.	12
Finland	3	U.S.A.	119
France	16	U.S.S.R.	4
Hungary	1	West-Germany	9
Israel	7	Yugoslavia	3
Italy	12		

A recent List of Members is enclosed with this Newsletter.

Bert Bijsterbosch,
Membership Secretary

3.3 Future IACIS International Conferences

It has now been decided that after the meeting in Hakone, June 1988, the 7th International Conference on Colloid and Interface Science will take place in France in 1991, probably in July. The 8th Conference in this series is scheduled for 1994 in Australia.

3.4 A remark on the European Conference Circuit

Sometimes people complain about the many meetings that take place and about the lack of insight into the organizations behind them. Let me briefly review the European part of this circuit emphasizing IACIS' role in it. From bottom to top we have the following types of conferences.

a) Local meetings. Restricted to a limited number of people, usually in the local language and of a short duration. These meetings are as a rule not recorded in the NL.

b) Local meetings with international participation. Responsibility is fully with the local organizing committees and/or groups. "Local" may also refer to a group of countries (Iberian, Scandinavian). Such meetings can be mentioned in the NL, provided the information is available in time and the topic belongs to "interface and colloid science".

c) Meetings under IACIS sponsorship are particularly emphasized.

d) Meetings of the "European Chemistry at Interfaces Conferences" are also automatically recorded, because this organization pursues in many respects the same goals as IACIS, though on a smaller scale. (Further information: biannual meetings, alternating between West and East Europe, in a Gordon-Conference style atmosphere. The next one, nr. 10, will be in San Benedetto, Italy, see this NL, item 6.20; and the 11th in the German Democratic Republic in 1990, see this NL 6.88. At present, your Newsletter Editor is also chairman of the Standing Committee, consisting of about 10-12 representatives from all over Europe.)

e) International IACIS meetings, see 5.1.

4.1 IUPAC COMMISSION ON SURFACE AND COLLOID CHEMISTRY, INCLUDING CATALYSIS

At the occasion of the 54th Assembly of IUPAC in Boston, U.S.A., August 1987, Commission I.6 (on Colloid and Surface Chemistry Including Catalysis) convened. The officers 1987-1989 are Prof. K.S.W. Sing (chairman), Prof. J.H. Block (vice-chairman) and Dr. B. Vincent (secretary). Address of the Secretary: The University, School of Chemistry, Cantock's Close, Bristol BS8 1 TS, U.K.

Current projects: Porous Solids (J. Rouquérol), Catalyst Characterisation (J. Haber), Thin Films (L. Ter-Minassian-Saraga) and Electrified Interfaces (J. Lyklema).

4.2 Other Important IUPAC Committees

Physical Chemistry Divisional Committee

President: Prof. K.I. Zamaraev, Institute of Catalysis, 5 Prospekt Akademika Lavrentyeva, SU-630090 Novosibirsk 90, U.S.S.R.
Secretary: Prof. R.A. Alberty, Department of Chemistry, Room 6-215, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge - MA 02139, U.S.A.

Macromolecular Divisional Committee

President: Prof. T. Saegusa, Department of Synthetic Chemistry, Faculty of Engineering, Kyoto University, Yoshida, Sakyo-ku, Kyoto, 606 Japan.
Secretary: Prof. A.D. Jenkins, School of Chemistry and Molecular Sciences, University of Sussex, Falmer, Brighton BN1 9QJ, U.K.

Commission on Macromolecular Nomenclature (IV.1)

Chairman: Dr. P. Kratochvíl, Ústav Makromolekulární Chemie, Československá Akademie Věd, Heyrovského náměstí 2, CS-162 06 Praha 616, Czechoslovakia.
Secretary: Dr. W.J. Work, Research Division, Rohm and Haas Co., P.O. Box 219, Bristol - PA 19007, U.S.A.

Commission on Polymer Characterization and Properties (IV.2)

Chairman: Prof. M. Mandel, Gorlaeus Laboratoria der Rijksuniversiteit, P.O. Box 9502, 2300 RA Leiden, The Netherlands.
Secretary: Mr. J.M. Cann, B.P. Chemicals Ltd., Sully, South Glamorgan CF6 2YU, U.K.

5. IACIS-SPONSORED MEETINGS

5.1 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, Potadam - NY, U.S.A., 1985
Future: 6th Conference, Hakone, Japan, 1988. See this NL6.25
7th Conference, France, 1991, probably July
8th Conference, Australia, 1994.

5.2 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 Symposium on Surface Chemistry with international participation.

3) June 1984 Pittsburgh (U.S.A.) 58th Colloid and Surface Science Symposium ACS

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

5) June - July 1986 Crveni Otok (YU) 7th International Summer Conference on the Chemistry of Solid-Liquid Interfaces.

6) September 1987 Eindhoven (NL) Polymers in Colloidal Systems. Adsorption, Stability and Flow.

7) May 1988 San Benedetto (I). See this NL6.20.

6. 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.

6.1 Gordon Conference on Organic Thin Films, February 15-19, 1988, Oxnard - CA, U.S.A. Contact: S. Garoff, Schlumberger-Doll Research, Old Quarry Road, Ridgefield - CT 06877-4108, U.S.A.

6.2 International Symposium on Surface Interactions, March 13-18, 1988, Neve Ilan, Jerusalem Hills, Israel. Contact: Prof. J. Klein, Chairman, Organizing Committee, Department of Polymer Research, Weizmann Institute of Science, Rehovot 76100, Israel.

6.3 2nd International Conference on Diffusion in Polymers, March 22-24, 1988, Reading, U.K. Contact: Carole Franks, The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

6.4 Fibre Reinforced Composites '88, March 22-25, 1988, Liverpool, U.K. Contact: The Conference Office, The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

6.5 Solvation, General Discussion No. 85 of the Faraday Division of The Royal Society of Chemistry, March 28-30, 1988, Durham, U.K. Contact: Mrs. Y.A. Fish, The Royal Society of Chemistry, Burlington House, London W1V 0BN, U.K.

6.6 Polymer - Surfactant Interactions, Eastern 1988, organised by the Faraday Division of the Royal Society of Chemistry. Contact: Dr. J.W. Goodwin, School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, U.K.

6.7 Spectroscopy in Colloid Science, April 5-7, 1988, Bristol, U.K. Organised by the Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry, joint with SCI and the British Radiofrequency Spectroscopy Group. Contact: Dr. R. Buscall, The Royal Society of Chemistry, Burlington House, London W1V 0BN, U.K.

6.8 NMR in Colloid and Interface Science, April 6-8, 1988, Bristol, U.K. Contact: Dr. T. Cosgrove, School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, U.K.

6.9 Macrolux '88, April 6-8, 1988, Luxembourg. Contact: Macrolux Secretariat, Sigmaform S.A.R.L., Zone Industrielle, 8287 Kehlen, Luxembourg.

6.10 7th International Conference on Deformation, Yield and Fracture of Polymers, April 11-14, 1988, Cambridge, U.K. Contact: The Conference Office, The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

6.11 Solid State Materials in Electrochemistry (Annual Congress of the Faraday Division of The Royal Society of Chemistry), April 12-15, 1988, Canterbury, U.K. Contact Prof. J.P. Simons, Chemistry Department, University of Nottingham, Nottingham NG7 2RD, U.K.

6.12 International Symposium on Food Colloids, April 13-15, 1988, Sharnbrook, U.K. Contact: Prof. Richmond, AFRC Institute of Food Research, Norwich Laboratory, Colney Lane, Norwich, Norfolk, NR4 7UA, U.K.

6.13 6th SPE/DOE Symposium on Enhanced Oil Recovery, April 17-20, 1988, Tulsa - OK, U.S.A. Contact: Program Department, Society of Petroleum Engineers, P.O. Box 833836, Richardson - TX 75083-3836, U.S.A.

6.14 Polymere und biologische Funktionen, April 18-19, 1988, Bad Nauheim, F.R.G. Contact: Gesellschaft Deutscher Chemiker, Abteilung Fachgruppen, P.O. Box 90 04 40, D-6000 Frankfurt/Main 90, F.R.G.

6.15 Eurotec '88: Polypropylene, April 20-21, 1988, Paris, France. Contact: Société de Chimie Industrielle, 28 rue Saint-Dominique, F-75007 Paris, France.

6.16 3rd Rolduc Polymer Meeting, International Discussion Meeting on Polymer Science and Technology, April 24-28, 1988, Rolduc Abbey, Limburg, The Netherlands. Contact: Drs. L. Nelissen, Secretary RPM-3, Eindhoven University of Technology, Department of Polymer Technology, P.O. Box 513, 5600 MB Eindhoven, The Netherlands.

6.17 VII International Conference on Surface Active Substances, April 25-30, 1988, Bad Stuer, G.D.R. Contact: Zentralinstitut für Organische Chemie der AdW der DDR, Bereich Grenzflächenaktive Stoffe, Dr.Sc. D. Volhardt, Rudower Chaussee 5, Berlin 1199, G.D.R.

6.18 MECH '88, May 8-13, 1988, Brisbane, Australia. Contact: Dr. A. Atrens, Dept. of Mining and Metallurgical Engineering, University of Queensland, St. Lucia, Qld., 4067, Australia.

6.19 Controlled Release: Science and Technology 1988, May 12-13, 1988, Melbourne, Australia. Contact: Dr. R.C. Oppenheim, Victorian College of Pharmacy Ltd., 381 Royal Parade, Parkville, Victoria 3052, Australia.

6.20 10th European Conference on Chemistry at Interfaces, May 16-20, 1988, San Benedetto, Italy. Sponsored by IACIS. Six plenary lectures, 15 keynote lectures, oral short contributions and a poster session. Contact: S. Trasatti, University of Milan, Laboratory of Electrochemistry, Via Venezian 21, I-20133 Milan, Italy.

6.21 2nd World Surfactants Congress, May 24-27, 1988, Paris, France. Contact: Wagons-Lits Tourisme, Service Congrès Cesio 88, 32 rue du 4-Septembre, F-75002 Paris, France.

6.22 4th EPS Liquid State Conference on the Hydrodynamics of Dispersed Media, May 24-27, 1988, Arcachon, France. Organised by the European Physical Society. Contact: Dr. F. Carmona, Centre de Recherche Paul Pascal - CNRS, Domaine Universitaire, 33405 Talence Cedex, France.

- 6.23 Polymer Analysis and Characterisation, May 25, 1988, Runcorn, U.K. Contact: Dr. R. Feasey, ICI C & P Group, The Heath, Runcorn, Cheshire, U.K.
- 6.24 Polymeric Materials, June 3-10, Gargnano, Italy. Contact: Prof. M. Aglietto, Dipartimento di Chimica e Chimica Industriale, Università di Pisa, Via Risorgimento 35, 56100 Pisa, Italy.
- 6.25 6th International IAGIS Conference on Surface and Colloid Chemistry, June 5-10, 1988, Hakone, Japan. Main topics: Surface and Colloid Science - The Frontier of Modern Science and Technology:
1. Organized Molecular Assemblies in Solution
 2. Organized Molecular Assemblies at Interface
 3. Solid Surface and Catalysis
 4. Biosurfaces and Biocolloids
 5. Fine Particles and Dispersed Systems
 6. New Technologies related to Colloid and Interface Phenomena
 7. General.
- Contact: Prof. dr. M. Nakagaki, Division of Colloid and Surface Chemistry, The Chemical Society of Japan, 1-5 Kanda Surugadai, Chiyoda-ku, Tokyo 101, Japan.
- 6.26 ACS, 195th National Meeting, June 5-11, 1988, Toronto, Ontario, Canada. Contact: B.R. Hodgson, 1155-16th Street N.W., Washington - DC 20036, U.S.A.
- Surface Science of Catalysis: Surface Structure and Catalysis: Prof. L.D. Schmidt, Chemical Engineering, University of Minnesota, Minneapolis - MN 55455
- Surface Chemistry in Biology, Medicine and Dentistry: Surface and Transport phenomena in Bioparticle Adhesion: Dr. A.W. Neumann, Mechanical Engineering Department, University of Toronto, Toronto, Ontario, Canada

- Photochemical and Electrochemical Surface Science: Interfacial Bioelectrochemistry: Dr. Th. Kuwana, Center for Bioanalytical Research, 2096 Constant Avenue, University of Kansas, Lawrence - KS 66046
- Surfactants and Association Colloids: Recent Progress in Interfacial Tensiometry: Dr. A.W. Neumann, Department of Mechanical Engineering, University of Toronto, Toronto, Ontario, Canada
- International Symposium on Scanning Tunneling Microscopy/Spectroscopy: Dr. J. Munday, Surface Chemistry Branch, Chemistry Division, Naval Research Laboratories, Washington - DC
- Lubrication and Wear: Chemical Reactions in Tribological Systems (Cosponsored: INDE): Dr. P.A. Willermet, Ford Research Laboratories, Fuels and Lubricants Department, 20000 Rotunda Drive, Dearborn - MI 48121.
- 6.27 XI Simposio Iberoamericano de Catalisis, June 12-17, 1988, Guanajuato, Mexico. Contact: Dr. R. Gomez, XI Simposio Iberoamericano de Catalisis, Apartado Postal 55-534, Mexico 09340 D.F.
- 6.28 International Conference on Composite Interfaces (ICCI-II), June 13-17, 1988, Cleveland, U.S.A. Contact: Prof. H. Ishida, General Chairman, ICCI-II, Department of Macromolecular Science, Case Western Reserve University, 10900 Euclid Avenue, Cleveland - OH 44106-1712, U.S.A.
- 6.29 62nd Colloid and Surface Science Symposium (Division Colloid and Surface Chemistry ACS), June 19-22, 1988, University Park, U.S.A. Contact: Dr. R. Nagarajan, Chemical Engineering Department, Penske Laboratory, Pennsylvania State University, University Park - PA 16802, U.S.A. Topics: Films Adsorbed on Solid Surfaces; Applications of Surface Science Techniques to Catalysis; Micellization and Microemulsions; Colloids in Materials, Environment and Bio Technologies; Fundamental Research in Colloid Science; Fundamental Research in Surface Science.

6.30 Crystalline Polymers, June 19-24, 1988, Gargnano, Italy. Contact: Prof. M. Aglietto, Dipartimento di Chimica e Chimica Industriale, Università di Pisa, Via Risorgimento 35, 56100 Pisa, Italy.

6.31 9th International Conference on Catalysis, July 1988, Alberta, Canada. Contact: Dr. Y. Amenomiya, Division of Chemical National Research Council, Ottawa, Ontario K1A 0R9, Canada.

6.32 Advanced Study Institute on Polymer Colloids, July 3-15, 1988, Strasbourg, France. Sponsored by NATO Scientific Affairs Division. Contact: Mrs. M.J. Proctor, School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, U.K.

6.33 7th Bratislava International Conference on Modified Polymers, July 5-8, 1988, Bratislava, Czechoslovakia. Contact: Dr. A. Romanov, Polymer Institute GCR of the Slovak Academy of Sciences, 842 36 Bratislava, Czechoslovakia.

6.34 11th Discussion Conference on Macromolecules: Chemical and Physical Phenomena in the Ageing of Polymers, July 11-14, 1988, Prague, Czechoslovakia. Contact: Dr. P. Cefelín, Scientific Secretary, P.M.M. Secretariat, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, CS-16206 Prague 6-Petriny, Czechoslovakia.

6.35 Adsorption: Science and Technology (NATO-ASI), July 17-29, 1988, Vimeiro, Portugal. Contact: Prof. A.E. Rodrigues, Chemical Engineering Department, University of Porto, 4099 Porto Cedex, Portugal.

6.36 31st Microsymposium on Macromolecules: Poly(Vinyl) Chloride, July 18-21, 1988, Prague, Czechoslovakia. Contact: Dr. P. Cefelín, Deputy Director, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, CS-16206 Prague 6-Petriny, Czechoslovakia.

6.37 19th Annual Meeting of The Fine Particle Society, July 19-22, 1988, Santa Clara, U.S.A. Contact: T. Ariman, L-117 Keplinger Hall, University of Tulsa, Tulsa - OK 74102, U.S.A.

6.38 Dynamic Properties of Biomolecular Assemblies, July 21-22, 1988, Nottingham, U.K. Contact: Dr. S.E. Harding, University of Nottingham, School of Agriculture, Dept. of Applied Biochemistry, Sutton Bonington, LE12 5RD, U.K.

6.39 32nd IUPAC International Symposium on Macromolecules (Macro '88), August 1-6, 1988, Kyoto, Japan. Contact: Macro '88 Secretariat, The Society of Polymer Science Japan, Honshu Building, 5-12-8 Ginza, Chuo-Ku, Tokyo 104, Japan.

6.40 10th World Congress on Rheology, August 14-20, 1988, Sydney, Australia. Contact: Prof. R.I. Tanner, Mechanical Engineering Department, University of Sydney, Sydney, NSW 2006, Australia.

6.41 19th International Conference on Solution Chemistry, August 15-18, 1988, Lund, Sweden. Contact: XIX ICSC, c/o Dr. I. Persson, Inorganic Chemistry 1, Chemical Center, P.O. Box 124, S-221 00 Lund, Sweden.

6.42 International Nucleation Symposium, August 21-28, 1988, Vienna, Austria. Contact: Prof. J.L. Katz, Chemical Engineering Department, Johns Hopkins University, Charles and 34th Streets, Baltimore - MD 21218, U.S.A.

6.43 3rd International Symposium on Solubility Phenomena, August 23-26, 1988, Guildford, Surrey, U.K. Contact: Dr. A.F. Danil de Namor, Department of Chemistry, University of Surrey, Guildford, Surrey GU2 5XH, U.K.

6.44 International Symposium on the Production and Processing of Fine Particles, August 28-31, 1988, Montreal, Quebec, Canada. Contact: Dr. A.J. Plumptre, Fine Particles '88, Centre de Recherches minérales, 2700 rue Einstein, Sainte-Foy, Québec, Canada G1P 3W8.

6.45 The Electronic Structure and Properties of Molecules and Molecular Crystals, August 29 - September 2, 1988, Cavtat-Dubrovnik, Yugoslavia. Contact: Dr. Z.B. Maksić, Chairman of the Organizing Committee, The Ruder Bosković Institute, 41001 Zagreb, Yugoslavia.

6.46 International Conference on Chemistry and Physics of Electrified Interfaces, Solid/Electrolyte and Biological Systems, August 30 - September 3, 1988, Bologna, Italy. Under the auspices of the Division of Electrochemistry of the Italian Chemical Society, on the occasion of the celebrations for the 9th centenary of the University of Bologna. Contact: E. Vecchi, Istituto di Scienze Chimiche, Università di Bologna, Via San Donato 15, I-40127 Bologna, Italy.

6.47 Dynamic Properties of Biomacromolecular Assemblies, September 1988, Nottingham, U.K. Organised by the Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry joint with the Biochemical Society. Contact: Dr. R. Buscall, The Royal Society of Chemistry, Burlington House, London W1V 0BN, U.K.

6.48 International Symposium on Zeolites as Catalysts, Sorbents and Detergent Builders, September 4-8, 1988, Würzburg, F.R.G. Contact: Dr. H.G. Karge, Fritz-Haber-Institut der Max-Planck-Gesellschaft, Faradayweg 4-6, D-1000 Berlin 33 (West), F.R.G.

6.49 1st International Conference on Electrical, Optical and Acoustic Properties of Polymers, September 5-7, 1988, Canterbury, U.K. Contact: The Conference Officer, The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

6.50 39th Meeting of the International Society for Electrochemistry: Electrochemical Dynamics, September 5-10, 1988, Glasgow, Scotland. Contact: Prof. M.L. Pitchman, Strathclyde University, McCance Building, 16 Richmond Street, Glasgow GL 1XQ, Scotland.

6.51 International Symposium on Particle Deposition at the Solid-Liquid Interface, September 12-14, 1988, London, U.K. Contact: Dr. J. Gregory, Department of Civil Engineering, University College, Gower Street, London WC1E 6BT, U.K.

6.52 Structure and Reactivity of Surfaces, September 12-15, 1988, Trieste, Italy. 7th Joint meeting of the Associazione Italiana di Chimica Fisica, Deutsche Bunsengesellschaft für Physikalische Chemie, Société Française de Chimie (Division de Chimie Physique) and the Faraday Division of The Royal Society of Chemistry. Contact: Prof. A. Zecchina, Institute of Physical Chemistry, University of Turin, I-10125 Turin, Italy, or Prof. F.S. Stone, School of Chemistry, University of Bath, Bath BA2 7AY, U.K.

6.53 Speciality Polymers '88, September 13-15, 1988, Cambridge, U.K. Contact: Prof. R. Epton, School of Applied Sciences, The Polytechnic, Wulfrana Street, Wolverhampton, WV1 1SB, U.K.

- 6.54 Perspectives in Polymer Chemistry, September 20-21, 1988, Birmingham, U.K.
Contact: Dr. J. Gibson, Royal Society of Chemistry, Burlington House, Piccadilly, London, W1V 0BN, U.K.
- 6.55 ACS, 196th National Meeting, September 25-30, 1988, Los Angeles - CA, U.S.A.
Contact: B.R. Hodgson, 1155-16th Street N.W., Washington - DC 20036, U.S.A. Among other items, there will be a symposium on Polymers in Information Storage Technology
Contact: Dr. K.L. Mittal, IBM-Corporate Technical Institute, 500 Columbus Avenue, Thornwood - NY 10594, U.S.A.
- 6.56 19th World Congress of the International Society for Fat Research (ISF) and the 27th Annual Meeting of the Japan Oil Chemists' Society (JOCS), September 26-30, 1988, Tokyo, Japan. Contact: the Secretariat, The Japan Oil Chemists' Society, 7th Floor, Yushi Kogyo Kaikan, 13-11 Nihonbashi 3-chome, Chuo-ku, Tokyo 103, Japan.
- 6.57 7th International Symposium on Surfactants in Solution, October 2-7, 1988, Ottawa, Canada. Contact: K. Charbonneau, Symposium Manager, Secretariat 7th International Symposium on Surfactants in Solution, Conference Services Office, National Research Council of Canada, Ottawa, Ontario, Canada K1A 0R6, or Dr. K.L. Mittal, 6 David Court, Poughkeepsie - NY 12603, U.S.A.
- 6.58 Particle Technology in Relation To Filtration Separation, October 3-4, 1988, Antwerp, Belgium. Contact: Particle Technology, c/o TI-K.VIV, attention Ms. R. Peys, Jan van Rijswijklaan 58, B-2018 Antwerp, Belgium.
- 6.59 5th Hungarian Conference on Colloid Chemistry (with international participation), October 4-8, 1988, Balatonfired, Hungary. Contact: Dr. F. Csmpesz, Colloid Science Department, Loránd Eötvös University, Budapest, Pushkin u, H-1088 Budapest VIII, Hungary.

- 6.60 Resins and Pigments Conference, November 7-11, 1988, Amsterdam, The Netherlands. Contact: Mr. M. Tarrant, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, U.K.
- 6.61 International Symposium on Surface Chemistry, Adsorption and Chromatography, dedicated to the memory of A.V. Kiselev, November 13-17, 1988, Moscow, U.S.S.R. Contact: Y.A. Belyakova, Institute of Physical Chemistry, Academy of Sciences of U.S.S.R., Leninsky Prospect, 31, Moscow 117915, U.S.S.R.
- 6.62 Diffraction from Polymers, November 30, 1988, London, U.K. Contact: Miss E. Vickers, Spectroscopy Branch, BP Research Centre, Chertsey Road, Sunbury-on-Thames, Middlesex, TW16 7LN, U.K.
- 6.63 Aggregation, provisional December 16, 1988, Scientific Society's Lecture Theatre, Saville Row, U.K. Organised by the Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry. Contact: Dr. R. Buscall, ICI Corporate Colloid Science Group, P.O. Box 11, The Heath, Runcorn, Cheshire WA7 4QE, U.K.
- 1989
- 6.64 8th Rudjer Bosković Summer Conference Solid/Liquid Interfaces, 1989, Yugoslavia. Contact: Dr. V. Praviđić, Center for Marine Research "Rudjer Bosković", P.O. Box 1016, YU-41001 Zagreb-Croatia, Yugoslavia.
- 6.65 10th World Congress on Agglomeration, 1989, Japan. No further information available.

- 6.66 17th Australian Polymer Symposium, January 30 - February 3, 1989, Brisbane, Australia. Contact: D.J.T. Hill, Chemistry Department, University of Queensland, Brisbane 4067, Australia.
- 6.67 Advances in Biomedical Polymers, February 5-9, 1989, Perth, Australia. Contact: The Secretary, W.A. Polymer Group, Royal Australian Chemical Institute, 125 Hay Street, Perth W.A. 6000, Australia.
- 6.68 Polymer Latex III, Spring 1989. Contact: M.D. Shuttleworth, The Plastics and Rubber Institute, 11 Hobart Place, London SW1S 0HL, U.K.
- 6.69 Electrical Conduction in Polymers, Spring 1989. Contact: The Conference Officer, The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.
- 6.70 Surfactant Interactions in Colloid Science, April 4-7, 1989, Hull, U.K. Contact: Dr. R. Buscall, The Royal Society of Chemistry, Burlington House, London W1V 0BN, U.K.
- 6.71 197th ACS National Meeting, April 9-14, 1989, Dallas - TX, U.S.A. Contact: International Activities Office ACS, 1155 Sixteenth Street, NW, Washington - DC 20036, U.S.A.
- 6.72 3rd International Conference on Fundamentals of Adsorption, May 7-12, 1989, Sonthofen, F.R.G. Organized by DECHEMA Deutsche Gesellschaft für Chemisches Apparatewesen, Chemische Technik und Biotechnologie e.V., and co-sponsored by the Engineering Foundation and the Deutsche Vereinigung für Chemie und Verfahrenstechnik (DVCV). Contact: DECHEMA, Attn. DVCV, Mrs. C. Birkenberg, P.O. Box 97 01 46, D-6000 Frankfurt am Main 97, F.R.G.

- 6.73 63rd Colloid and Surface Science Symposium (Division of Colloid and Surface Chemistry ACS), June 18-21, 1989, Seattle, U.S.A. Contact: Dr. J. Berg, Chemical Engineering Department University of Washington, Seattle - WA 98195, U.S.A.
- 6.74 32nd IUPAC Congress, August 2-7, 1989, Stockholm, Sweden. Contact: Stockholm Convention Bureau, P.O. Box 6911, S-102 39 Stockholm, Sweden.
- 6.75 IUPAC 34th Assembly (with meetings of Commission I.6 on Surface and Colloid Science, Including Catalysis, the Division of Physical Chemistry and the Division of Macromolecules), August 9-18, 1989, Lund, Sweden. Contact: Dr. B. Vincent, secretary of Commission I.6, The University, School of Chemistry, Cantock's Close, Bristol BS8 1TS, U.K.
- 6.76 8th International Zeolite Conference, August 10-14, 1989, Amsterdam, The Netherlands. Contact: Ms. M. Labouchere, OLT Convention Services B.V., Keizersgracht 792, 1017 EC Amsterdam, The Netherlands.
- 6.77 Inorganic Particulates, September 1989, NEWI, Wrexham, U.K. Contact: Dr. R. Buscall, The Royal Society of Chemistry, Burlington House, London W1V 0BN, U.K.
- 6.78 Macromolecules '89, ACS Polymer Division, September 1989, Oxford, U.K. Contact: Prof. R. Epton, School of Sciences, The Polytechnic, Wulfruna Street, Wolverhampton, WV1 1SB, U.K.
- 6.79 Biennial Polymer Meeting, September, 1989, Reading, U.K. Contact: Dr. M. Richardson, National Physical Laboratory, Teddington, Middlesex, TW11 0LW, U.K.

- 6.80 198th ACS National Meeting, September 10-15, 1989, Miami Beach - FL, U.S.A.
- 6.81 Charge Transfer in Polymeric Systems, September 11-13, 1989, Oxford, U.K.
Contact: Dr. J.F. Gibson, Royal Society of Chemistry, Burlington House, Piccadilly, London W1V 0BN, U.K.
- 6.82 40th Meeting of the International Society for Electrochemistry, September 17-22, 1989, Japan. Contact: Prof. S. Yoshizawa, Hall Takaraike, Sakyo-ku, Kyoto 606, Japan.
- 6.83 33. Hauptversammlung Kolloid Gesellschaft, Autumn 1989, Bochum, F.R.G. Main topic: Interfaces. Contact: Prof.dr. G.H. Findenegg, Ruhr Universität, Building NC7/72, Dept. Physical Chemistry III, P.O. Box 102148, D-4630 Bochum-1, F.R.G.
- 6.84 International Symposium on Affinity Chromatography and Biological Recognition, October 29 - November 3, 1989, Israel. Contact: E.A. Rayer and F. Kohen, The Weizmann Institute of Science, Rehovoth 76100, Israel.
- 6.85 PAC-CHEM '89, December 14-26, 1989, Hawaii, U.S.A. Joint meeting of the Royal Australian Chemical Institute and the American Chemical Society. Contact: Dr. D.J.T. Hill, Chemistry Department, University of Queensland, St. Lucia, Qld., 4067, Australia.
- 6.86 International Chemical Congress of Pacific Basin Societies, December 17-22, 1989, Honolulu, Hawaii, U.S.A. Among other items there will be a symposium "The Metal Oxide - Aqueous Solution Interface" Contact: Dr. M.A. Anderson, Water Chemistry Laboratory, University of Wisconsin, 660 North Park Street, Madison - WI 53706, U.S.A.

Preview 1990 and later

- 6.87 199th ACS National Meeting, April 22-27, 1990, Boston, U.S.A.
- 6.88 11th European Chemistry at Interfaces Conference. Application-Oriented Basic Research in Colloid Science, probably May 1990, Eisenach, G.D.R. Contact: Prof. H. Sonntag, Zentralinstitut für Physikalische Chemie der A.d.W., Rudower Chaussee 5, DDR-1199 Berlin-Adlershof, G.D.R.
- 6.89 64th Colloid and Surface Science Symposium (Division Colloid and Surface Chemistry ACS) June 1990, Bethlehem, U.S.A. Contact: Dr. M. El-Aasser, Zettlemoyer Center for Surface Studies, Lehigh University, Bethlehem - PA 18015, U.S.A.
- 6.90 41st Meeting of the International Society for Electrochemistry, August 20-25, 1990, Prague, Czechoslovakia. Theme: Electroanalytical Chemistry. Joint with Heyrovský Centennial Congress on Polarography. Contact: Prof. A.A. Vlček, J. Heyrovský Institute of Physical Chemistry and Electrochemistry, Czechoslovak Academy of Sciences, Vláská 9, CS-11840 Prague 1, Czechoslovakia.
- 6.91 200th ACS National Meeting, August 26-31, 1990, Washington, U.S.A.
- 6.92 Colloid Stability, provisionally September 1990, Bristol, U.K. General Discussion organised by the Faraday Division of The Royal Society of Chemistry, U.K., in collaboration with the Colloid and Interface Science Group. For further information contact: Prof.dr. R.H. Ottewill, The University, School of Chemistry, Cantock's Close, Bristol BS8 1TS, U.K.

6.93 Polymer 91: Polymer Materials, Preparation, Characterization and Properties, February 10-15, 1991, Melbourne, Australia. Contact: Dr. G.B. Guise, P.O. Box 224, Belmont, Victoria 3216, Australia.

6.94 65th Colloid and Surface Science Symposium, (Division Colloid and Surface Chemistry ACS), June 1991, Norman, U.S.A. Contact: Dr. J. Scamehorn, Chemical Engineering Department, University of Oklahoma, Norman - OK 73019, U.S.A.

6.95 7th International IACIS Conference on Surface and Colloid Chemistry, probably July, 1991, Compiègne, France.

6.96 42nd Meeting of the International Society for Electrochemistry, September 1991, Switzerland. Contact: Dr. O. Dossenbach, Technisches-Chemisches Labor, ETH Zentrum, CH-8092 Zürich, Switzerland.

6.97 8th International IACIS Conference on Surface and Colloid Chemistry, 1994, Australia.

6.98 ACS National Meetings

201 Minneapolis, April 21-26, 1991

202 New York City, August 25-30, 1991.

7. REGIONAL AND PERSONAL NEWS

See also the information in the previous Newsletters.

7.1 Personal News

IACIS regrets to report the death of **Prof. S.G. Mason**, on April 21st 1987 at the age of 73 and formerly member of IACIS.

James P. Wightman has been named Alumni Distinguished Professor at Virginia Polytechnic Institute and State University.

Prof. P. Somasundaran, Henry Krumb School of Mines, has been named the 1986 co-recipient of the Arthur F. Taggart Award of the Society of Mining Engineers.

In honour of **Prof. dr. A.C. Zettlemoyer** the Sinclair Laboratory of Lehigh University, Bethlehem PA, U.S.A., was re-named in Zettlemoyer Center for Surface Studies.

7.2 Regional News

United Kingdom

Dr. M.J. Garvey is now the Newsletter Editor of the **Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry**.

U.S.A.

At the University of Utah a **Center for Biopolymers at Interfaces** has been started. Some of the specialties are: surface spectroscopy, biocompatibility, synthetic polymers, molecular graphics. The director is Dr. Karin D. Caldwell, Bioengineering Department, University of Utah, Salt Lake City - UT 84112, U.S.A.

8. VACANCIES

At CSIRO Division of Applied Organic Chemistry (GPO Box 4331, Port Melbourne, Vic. 3001, Australia) there is a vacancy for a Research Fellow in the Industrial Physical Chemistry sub program. Duties: strategic research in physical chemistry for projects in surface and colloid chemistry, membrane science, the thermodynamics of industrial processes and/or photochemistry. Qualifications: PhD degree (or equivalent) in physical chemistry and proven research ability in the field. Tenure: three years with Australian Government superannuation benefits available. Further information: Dr. D.N. Furlong on (03)647 7262 or Dr. T.H. Spurling on (03)647 7239.

9. 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.

9.1 New Journals

Advanced Ceramics Report, J. Binner, Ed., Elsevier, Oxford, New York, Amsterdam, Vol. 1 (1987) 12 issues, \$145.00

Journal of Adhesion Science and Technology, K.L. Mittal and W.J. van Ooij, Eds., VNU Science Press, Utrecht, The Netherlands, Vol. 1 (1987) in 4 issues, DM 358.00 (\$171.00)

Journal of Molecular Recognition, I.M. Chaiken, Ed., Heyden & Son, London, U.K. Volume 1 (1988) in 6 issues \$190.00 (£125.00)

Molecular Simulation, N. Quirke, Ed., Gordon and Breach, London, U.K. Vol. 1 (1987) six issues. Price in North America \$40.00.

9.2 Serials

ACS Symposium Series (American Chemical Society, Washington, U.S.A.) Vol. 332 Particle Size Distribution, T. Provder, Ed. (1987) \$71.95 (U.S. and Canada \$59.95)

Vol. 335 New Directions in Electrophoretic Methods, J.W. Jorgenson and M. Phillips, Eds. (1987) \$77.95 (U.S. and Canada \$64.95)

Advances in Polymer Science (Springer, Berlin, F.R.G.)

Vol. 73/74 Chromatography Foams/Copolymers H.B. Benoit et al. Eds. (1986) DM 138.00

Chemical Industries Series (Marcel Dekker, New York, U.S.A.)

Vol. 29 Catalysis and Surface Properties of Liquid Metals and Alloys, Y. Ogino (1987) \$95.50 (U.S. and Canada \$79.75)

Chemistry and Physics of Carbon (Marcel Dekker, New York, Basel)

Vol. 20: P.A. Thrower, Ed. (1987) \$119.50 (U.S. and Canada \$99.75)

Composite Materials Series (Elsevier, New York, U.S.A.)

Vol.1 Friction and Wear of Polymer Composites, K. Friedrich, Ed. (1986) \$102.25

Critical Reports on Applied Chemistry (Wiley, Chichester, U.K.)

Vol. 16 Synthetic Adhesives and Sealants, W.C. Wake, Ed. (1987) \$52.70

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

Vol. 3) Advances in Polymer Synthesis, B.M. Culbertson and J.E. McGrath, Eds. (1985)

\$85.00

- Vol. 34 Polymers in Medicine, Biomedical and Pharmacological Applications II, E. Chiellini, G. Giusti, C. Migliaresi and L. Nicolais, Eds. (1987) \$95.40 (U.S. and Canada \$79.50)
- Vol. 35 Advances in Biomedical Polymers, Ch.G. Gebelein, Ed. (1987) \$90.00 (U.S. and Canada \$75.00)

Springer Series in Chemical Physics (Springer, Heidelberg, F.R.G.)

- Vol. 32 Adsorption Processes on Semiconductor and Dielectric Surfaces I, V.F. Kiselev and O.V. Krylov (1985) DM 124.00

Springer Series in Surface Sciences (Springer, Berlin, F.R.G.)

- Vol. 7 Electronic Phenomena in Adsorption and Catalysis on Semiconductors and Dielectrics, V.F. Kiselev and O.V. Krylov, Eds. (1987) DM 160.00
- Vol. 8 Kinetics of Interface Reactions, M. Grunze and H.J. Kreuzer, Eds. (1987)

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

- Vol. 46 Dynamics of Molecular Crystals, J. Lascombe, Ed. (1987) \$169.00
- Studies in Surface Science and Catalysis** (Elsevier, Amsterdam, New York)
- Vol. Synthesis of High-Silica Aluminosilicate Zeolites, P.A. Jacobs and J.A. Martens (1987) in prep.
- Vol. 31 Preparation of Catalysts IV, B. Delmond, P. Grange, P.A. Jacobs and G. Poncelet, Eds. (1987) Dfl.320.00 (U.S. and Canada \$156.00)
- Vol. 32 Thin Metal Films and Gas Chemisorption, P. Wissmann, Ed. (1987)

Surface and Colloid Science, Plenum, New York, U.S.A.

- Vol. 14, E. Matijević, Ed., assistance of R.J. Good (1987) \$90.00 (U.S. and Canada \$75.00)

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

- Vol. 23 Nonionic Surfactants: Physical Chemistry, M.J. Schick, Ed. (1987) \$234.00 (U.S. and Canada \$195.00)
- Vol. 24 Microemulsion Systems, H.L. Rosano and M. Clause, Eds. (1987) \$119.50 (U.S. and Canada \$99.75)

Surfactants in Solution, K.L. Mittal and P. Bothorel, Eds. (Plenum, New York, U.S.A.)

- Vol. 4 (1987) \$117.00 (U.S. and Canada \$97.50)
- Vol. 5 (1987) \$117.00 (U.S. and Canada \$97.50)
- Vol. 6 (1987) \$300.00 (U.S. and Canada \$250.00)

Topics in Current Physics (Springer, IJmuiden, The Netherlands)

- Vol. 41 Structure and Dynamics of Surfaces Part I, W. Schommers and P. von Blanckenhagen, Eds. (1986) DM 89.00
- Vol. 43 Part II (1987)

Treatise on Clean Surface Technology (Plenum, New York, U.S.A.)

- Vol.1 K.L. Mittal, Ed. (1987) \$71.40 (U.S. and Canada \$59.40)

9.3 **Books 1985**

- Grosse Moleküle, H.G. Elias, Springer, Heidelberg, DM 29.80.

Polymers as Colloid Systems, J. Springer, Ed., Steinkopff, Darmstadt, F.R.G.

9.4 Books 1986

Practical Course on Physical and Colloidal Chemistry, textbook for technical schools (in Russian), T.G. Alkhazov, K.Yu. Adzhamov and A.E. Lisovskii, Maarif Baku, U.S.S.R., Rub. 0.75

Interfaces in Metal-Matrix Composites, A. Dhingra and S.S. Fishman, STM Distribution, Ashford, U.K., £61.00

Membranes and Membrane Processes, E. Drioli and M. Nakagaki, Eds., Plenum, New York, U.S.A., \$114.00 (U.S. and Canada \$95.00)

Electrophoresis '86, Proc. 5th Meeting International Electrophoresis Society, M.I. Dunn, Ed., VCH, Weinheim, F.R.G.

Polyfunctional Ion Exchangers, E.F. Ergozhin and E.Z. Menligaziev, Nauka, Alma-Ata, U.S.S.R., Rub. 3.70

Microemulsions: Structure and Dynamics, S.E. Friberg and P. Bothorel, Eds., CRC, Boca Raton - FL, U.S.A.

Laboratory Work and Problems in Colloidal Chemistry (in Russian), Yu.G. Frolov, A.S. Grodskii and V.V. Nazarov, Khimiya Moscow, U.S.S.R., Rub. 0.60

Glass Microelectrode (in Russian), A.V. Gnetov, Y.P. Kachalov and A.D. Nozdachev, Nauka, Leningrad, U.S.S.R., Rub. 1

Chemistry and Structure at Interfaces: New Laser and Optical Techniques, R.B. Hall and A.B. Ellis, Eds., VCH, Deerfield Beach - FL, U.S.A.

Structural Adhesives: Chemistry and Technology, S.R. Hartshorn, Ed., Plenum, New York, U.S.A., \$90.00 (U.S. and Canada \$75.00)

Physics of Interphase Phenomena (in Russian), K.B. Khokonov, Ed., Kabard-Balkar. Gos. Univ. Naichik, U.S.S.R.), Rub. 1

Molecular Principles of Adsorption Chromatography (in Russian), A.V. Kiselev, D.P. Poshkus, Y.I. Yashin, Khimiya, Moscow, U.S.S.R., Rub. 3.10

Physical and Colloidal Chemistry, textbook for Animal Husbandry and Veterinary Colleges (in Russian), A.I. Kononskii, Vishcha Shkola, Kiev, U.S.S.R., Rub. 0.95

Current Trends in Electrochemistry, (in Czech.) J. Koryta, Academia, Prague, Czechoslovakia

Aqueous Polymer Dispersions (in Russian), L. Kovacs, Muszaki Konyvkiado, Budapest, Hungary

Thin Liquid Film Phenomena, W.B. Krantz, D.T. Wasan, R.K. Jain and P.V. Neraid, Eds., American Institute of Chemical Engineers, New York - NY, U.S.A.

Encyclopedia of Polymer Science and Engineering - 5, H.F. Mark et al., Eds., Wiley, New York, U.S.A., \$200.00

Flocculation, Sedimentation and Consolidation, B.M. Moudgil and P. Somasundaran, Eds., American Institute of Chemical Engineers, New York - NY, U.S.A.

- Diffusion in Membranes (in Hungarian), N.I. Nikolaev, Muszaki Konyvkiado, Budapest, Hungary
- Fractals in Physics, L. Pietronero and E. Tosatti, Eds., Elsevier, Amsterdam, New York, \$55.75
- Techniques for the Analysis of Membrane Proteins, C.I. Ragan and R.J. Cherry, Associated Book Publishers, U.K., £48.50
- Structure and Dynamics of Surfaces - 1, W. Schommers and P. von Blanckenhagen, Eds., Springer, Berlin, F.R.G.
- Emulsions and Solubilization, K. Shinoda and S. Friberg, Wiley, New York, U.S.A.
- Integral/Structural Polymer Foams: Technology, Properties and Applications, F.A. Shutov, Springer, Heidelberg, DM 198.00
- Trends in Interfacial Electrochemistry, A.F. Silva, Ed., Reidel, Dordrecht, The Netherlands
- Statistical Physics, H.E. Stanley, Ed., Elsevier, Amsterdam, New York, \$12.00
- Interactions of Ions and Plasma with the Surface of a Solid (in Russian), V.G. Tel'kovskii, Ed., Energoatomizdat, Moscow, U.S.S.R., Rub. 1.10
- Large Scale Adsorption and Chromatography, Vol. 2, P.C. Wankat, CRC Press, Boca Raton - FL, U.S.A.

- 9.6 Books 1987
- Conducting Polymers, L. Alcaeer, Ed., Kluwer, Dordrecht, The Netherlands, Dfl.145.00/£52.00
- Acoustics of Porous Media, T. Bourbié, O. Coussy and B. Zinszner, Editions Technip, Paris, France, FF 590.00
- Simulation of Liquids and Solids, G. Ciccotti, D.Frenkel and I.R. McDonald, Eds., Elsevier, Amsterdam, New York, \$58.50
- Les Polymères en Solution: leur modélisation et leur structure, J. des Cloizeaux and G. Jannink, Les Editions de Physique, Z.I. de Courtaboeuf, Les Ulis, France, FF 1150.00 plus postage
- Fertigungssystem Kleben, Dechema-Monographien Band 108, Dechema, Frankfurt, F.R.G., DM 133.70
- Surface Forces (English translation), B.V. Derjaguin, N.V. Churaev and V.M. Muller, Plenum, New York, U.S.A., \$114.00 (U.S. and Canada \$95.00)
- Polymer Surfaces and Interfaces, W.J. Feast and H.S. Munro, Eds., Wiley, Chichester, U.K., \$51.00
- Structure and Dynamics of Solid/Electrolyte Interfaces, H. Gerischer and D.M. Kold, Eds., VCH Verlagsgesellschaft, Weinheim, F.R.G.
- Kinetics of Interface Reactions, M. Grunze and H.J. Kreuzer, Eds., Springer, IJmuiden, The Netherlands, DM 99.00

Coagulation Kinetics and Structure Formation, H. Sonntag and K. Strenge, Plenum, New York, U.S.A., \$66.00 (U.S. and Canada \$55.00; not available in Soviet Union, Eastern Europe, China and Cuba)

Vibrational Spectroscopy of Molecules on Surfaces, J.T. Yates, Jr. and T.E. Madey, Eds., Plenum, New York, U.S.A., \$90.00 (U.S. and Canada \$75.00)

Developments in Oriented Polymers - 2, I.M. Ward, Elsevier, Barking, U.K., £42.00

9.7 Books due 1988

Tetraalkyl Halides, M.H. Abraham, Ed., Pergamon, Oxford, New York

10. 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, Wageningen Agricultural University, De Dreijen 6, P.O. Box 8038, 6700 EK Wageningen, The Netherlands.

Hans Lyklema

Quantum Theory of Polymers as Solids, J.L. Ladik, Plenum, New York, U.S.A., \$83.40 (U.S. and Canada \$69.50)

Electrochemical Science and Technology of Polymers - 1, R.G. Linford, Ed., Elsevier, Barking, U.K., £48.00

Proceedings of the 2nd Engineering Foundation Conference on Fundamentals of Adsorption, A.I. Liapis, Ed., Eng. Found., New York, U.S.A.

Dynamics of Proteins and Nucleic Acids, J.A. McCammon and S.C. Harvey, Cambridge University Press, U.K., £27.50

Treatise on Clean Surface Technology Vol. 1, K.L. Mittal, Ed., Plenum, New York, U.S.A., \$71.40 (U.S. and Canada \$59.50)

Surface and Colloid Science in Computer Technology (five parts), K.L. Mittal, Ed., Plenum, New York, London, \$95.40 (U.S. and Canada \$79.50)

Industrial Applications of Homogeneous Catalysis, A. Mortreux and F. Petit, Eds., Kluwer, Deventer, The Netherlands, Dfl.180.00/£63.00

Advances in Solid-Liquid Separation, H.S. Muralishara, Ed., The Royal Society of Chemistry, Letchworth, U.K., \$120.00

Physical Chemistry of Colloids and Macromolecules, B. Raanby, Ed., Blackwell, Oxford, U.K.

Application of Polymers, R.B. Seymour and H.F. Mark, Eds., Plenum, New York, U.S.A., \$59.40 (U.S. and Canada \$49.50)