
IACIS

INTERNATIONAL ASSOCIATION OF COLLOID
AND INTERFACE SCIENTISTS

COLLOID AND INTERFACE SCIENCE INTERNATIONAL NEWSLETTER

NO. 4 - JUNE 1981

COMPILED BY J. LYKLEMA

NEWSLETTER NO. 4

June 1981

1. Purpose of the Newsletter

The main purpose 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 more informed about important developments and forthcoming events so that they can better plan their activities well ahead. In addition, it is hoped that this information is useful for planners of scientific meetings.

2. Status of the Newsletter

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 IUPAC 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 cannot accept any responsibility for them.

3. IACIS News

During the Third International Conference on Surface and Colloid Science, held in Stockholm in August 1979, a provisional Council was established whose duties were essentially those of a steering committee until the first formal Council is elected at the Fourth Conference in Israel next July. The provisional Council was authorized to elect a President and three Vice-Presidents,

and to formulate the final version of the Statutes and Bylaws for approval by the membership, so that the Association can be officially established at the 1981 conference. To expedite matters through the transition period it was recommended that the existing members of the provisional Council form the first formal Council of the Association. These are as follows:

President: Professor G.D. Parfitt

Vice-Presidents: Professor B.V. Derjaguin
Professor E. Matijevic
Professor A. Weiss

Ordinary Members: Professor T.W. Healy
Professor J. Lyklema
Professor A. Scheludko
Professor A. Silberberg
Professor P. Stenius
Professor E. Suito
Dr. L. Ter-Minassian-Saraga
Professor E. Wolfram

A nominating committee was set up to consider the election of the President-elect and two new Ordinary Members of Council, and IACIS members have been invited to submit nominations. The committee includes Professor Matijevic (Chairman), Professor Meguro and Professor Overbeck. The elections will be by postal ballot.

There will be a general meeting of members and a meeting of Council during the conference in Israel in July 1981.

The business of the general meeting will include:

- (a) receive a report of the activities of the Provisional Council,
- (b) approve the provisional Statutes and Bylaws,
- (c) confirm the election of the first President, and the President-elect, both to assume office for the period 1981-3,
- (d) confirm that the Ordinary Members of the Provisional Council, including the current Vice-Presidents, continue as Council Members for the period 1981-3, after which half will retire,
- (e) confirm the election of two new Ordinary Members of Council,

(f) receive and consider the formal accounts of the Association, and

(g) consider any other relevant business.

Membership in June 1981: 240 from 23 countries.

The Membership Secretary is

Dr. H.O. Becker,
Institut für Anorganische Chemie
der Universität München
Meiserstrasse 1,
D-8000 München 2,
West-Germany.

The annual fee is US \$ 15.00 with a special reduced rate of US \$ 5.00 for registered students. The fee normally covers the calendar year, but if paid after October 1st would cover the period until the end of the following year.

4. IUPAC Commission I.6 News

The name of the Commission is now "Commission on Surface and Colloid Chemistry including Catalysis". The composition is unaltered (see NL 3) except that Prof. K. Meyer and Dr. A.J.G. Maroto are now National Representatives of the DDR and Argentina respectively.

From August 25 - September 1, 1981 the Commission will meet at Leuven, Belgium, at the occasion of the 31st Assembly of IUPAC. Some main scientific projects currently under discussion are Light Scattering, Reporting Film Balance Data, Reporting Gas Adsorption Data, Surface Chemical Physics and the Preparation and Characterization of Heterogeneous Catalysts with specific properties.

For further information: Prof. M. Kerker, Clarkson College of Technology, Potsdam, N.Y., USA, Secretary of I.6.

5. International Conferences on Surface and Colloid Science (previously IUPAC-sponsored, now under auspices of IACIS)

History: 1st Conference, Budapest, 1973

2nd Conference, Puerto Rico, 1976

3rd Conference, Stockholm, 1979.

Future: The 4th Conference will be held in Jerusalem (see below under 6.) July 1981. The 5th Conference is provisionally planned in Potsdam, N.Y., USA, in 1985. For the 6th Conference a suggestion has been received to organize it in France.

6. Conferences in the field of Surface and Colloid Science

Note. If information is already given in the previous Newsletter, it will not be repeated here, but a reference will be made in the following fashion: NL 3 - 6.36 is item 36 of section 6 in Newsletter 3.

6.1 3rd International Symposium on Agglomeration. May 6-9, 1981, Nürnberg, Germany (FR). (See NL 3 - 6.28).

6.2 Symposium on Adhesion Aspects of Polymeric Coatings. May 10-15, 1981, Minneapolis, Minnesota, USA. Information: Dr. K.L. Mittal, Symp. Chairman, Dept. 49 F, Bldg. 300-40E, IBM Corp., Hopewell Junction, N.Y. 12533, USA.

6.3 VII. Internationales Makromolekulares Symposium. Thema: Neue Polymere Werkstoffe, Herstellung und Eigenschaften. May 21-22, 1981, Interlaken, Switzerland. Symposiumssekretariat: c/o Institut für Organische Chemie, Freie Strasse 3, CH-3012 Bern, Switzerland.

6.4 Macromolecules Today, a Symposium Honouring the Memory of Hermann Staudinger. May 25, 1981, Zürich, Switzerland. Information: Prof. Dr. P. Pino, Technisch-Chemisches Laboratorium, ETH-Zentrum, CH-8092 Zürich, Switzerland.

6.5 3rd International Symposium on Relations between Heterogeneous and Homogeneous Catalysis. May 25-27, 1981, Groningen, Netherlands. (See NL 3 - 6.29).

6.6 Importance of Electric Double Layers for Liquid-Solid Separation Processes. May 1981, Czechoslovakia. (See NL 3-6.30).

6.7 ICSFS-2. International Conference on Solid Films and Surfaces. June 8-11, 1981, Univ. of Maryland, College Park, USA. Information: Dr. R.L. Park, Co-Chairman, ICSFS-2. Dept. of Physics and Astronomy, Univ. of Maryland, College Park, Md. 20742, USA.

- 6.8 ACS, Division of Colloid & Surface Science, 55th Colloid and Surface Sci. Symposium. June 14-17, 1981, Cleveland, Ohio, USA. (Bioelectrochemistry, Coal Technol. Oil Recovery, Lubrication, Surfactants, Latices, Monolayers, General; Symposium on Rheology at Interfaces in Memory of F.C. Goodrich). Information: Dr. J.A. Mann Jr., Symp. Chairman, Case Western Reserve Univ., Case Inst. of Technol., A.W. Smith Bldg., Room 116, Cleveland, OH. 44106, USA.
- 6.9 6th International Symposium on Bioelectrochemistry and Bioenergetics. June 27-July 2, 1981, Kibbutz Kiryat Anarim, Israel. (See NL 3 - 6.5).
- 6.10 Biophysics of Water, A Working Conference. June 28 - July 4, 1981, Cambridge, England. Information: Prof. F. Franks, Dept. of Botany, Univ. of Cambridge, Downing Street, Cambridge CB2 3EA, England.
- 6.11 Gordon Research Conferences. Of the many conferences, organized mostly in New Hampshire from June till August 1981, several are relevant to the field of Colloid and Interface Science. A selection: Coatings and Films (June 15-19); Catalysis (June 22-26); Polymers, Bacterial Cells (June 29-July 3); Liquid Crystals, Structural Macromolecules, Collagen (July 6-10); Thin Films and Solid Surfaces, Polymer Colloids, Micellar and Macromolecular Catalysis (July 13 - 17); Ion-Containing Polymers (July 27-31); Dynamics of Gas-Surface Interaction (August 10-14); Transport Phenomena in Lipid Bilayers (August 17-21). Information: A.M. Cruickshank, Pastore Chem. Laboratory, Univ. of Rhode Island, Kingston, R.I. 02881, USA (between June 8 and August 21: c/o Colby-Sawyer College, New London, N.H. 03257, USA).
- 6.12 Colloid Science Group. Relaxation Processes in Colloidal Systems. July 2-3, 1981, Brunel Univ. Uxbridge, England. Information: Dr. J.W. Goodwin, School of Chemistry, Univ. of Bristol, Cantock's Close, Bristol BS8 1 TS, England.
- 6.13 IUPAC-IACS-Israel Chemical Society. 4th International Conference on Surface and Colloid Science. July 5-10, 1981, Jerusalem, Israel. (See NL 3 - 5).

- 6.14 IUPAC. 27th Symposium Int. sur les Macromolécules. July 6-9, 1981, Strasbourg, France. (See NL 3-6.32).
- 6.15 French Phys. Soc. & French Polym. Group. Symposium on Polyelectrolytes and Charged Interfaces. July 10-11, 1981, Strasbourg, France. Information: Prof. Rinando, C.N.R.S. 53 X - 39041 Grenoble Cedex, France.
- 6.16 IUPAC. International Symposium on Advances in Polymer Characterization. July 13-17, 1981, Durham, England. (See NL 3 - 6.34).
- 6.17 IUPAC. Characterization of Polymers by NMR: 22nd Prague Microsymposium on Characterization of Dynamic and Geometrical Structure of Polymer Systems by NMR spectra. July 20-23, 1981, Prague, Czechoslovakia. Information: Dr. B. Sedláček, Inst. of Macromol. Chem., Czechoslovak Acad. Sci., Heyrovského n.2 CS-162, Praha 616, Czechoslovakia.
- 6.18 International Conference on Phase Transitions on Surfaces. August 3-7, 1981, Orono, Maine, USA. Information: PTS, Conferences and Institutes Division, 128 College Ave, Univ. of Maine at Orono, Orono, Maine 04469, USA.
- 6.19 IUPAC. 20th Congress. August 16-21, 1981, Vancouver, B.C., Canada. Sections of interest: Surface Chemistry and Catalysis (Information: C.H. Amberg, Sect. Chairman, Dept. of Chem., Carleton Univ., Ottawa, Ont., K1S 5B6, Canada) and Macromolecules and Colloids. (Information: R.H. Marchessault, Sect. Chairman, Xerox Research Centre of Canada, 2480 Dunwin Drive, Mississauga, Ontario L5L 1T9, Canada).
- 6.20 ACS-Division Coll. & Surface Chem. Colloids and Surfaces in Reprographic Technology (at the ACS-Meeting). August 23-28, 1981, New York. Information: Dr. M.L. Hair, (Symp. Chairman), Xerox Centre of Canada, 2480 Dunwin Drive, Mississauga, Ontario L5L 1T9, Canada.
- 6.21 Ibid. Int. Symp. on Physicochemical Aspects of Polymer Surfaces. August 23-28, 1981, New York. Information: Dr. K.L. Mittal, (Symp. Chairman), Dept. 49F, Bldg. 300-40E, IBM Corporation, Hopewell Junction, N.Y. 12533, USA.

- 6.22 Nato Advanced Study Inst. Static and Dynamic Properties of the Polymeric Solid State. September 6-18, 1981, Glasgow, Scotland, U.K. Information: The Continuing Education Office, Univ. of Strathclyde, McCance Bldg., Richmond Street, Glasgow G1 1XQ, U.K.
- 6.23 Roy. Soc. of Chem. Review Symposium Colloid Science. September 8-10, 1981, Bristol, England. Information: Dr. J.W. Goodwin (Organiser), School of Chemistry, Univ. of Bristol, Cantock's Close, Bristol BS8 1TS, England.
- 6.24 Faraday Discuss. Selectivity in Heterogeneous Catalysis. September 14-16, 1981, Nottingham, England. (See NL3 - 6.36).
- 6.25 Soc. Chim. Phys. Microscopic Aspects of Adhesion and Lubrication. (34th Int. Meeting of the Société de Chimie Physique). September 14-18, 1981, Paris, France. Information: Dr. T. Troyanowsky (general secretary), 10 Rue Vauquelin, F75005 Paris, France.
- 6.26 C.N.R.S. Colloque Int. sur l'Adsorption aux interfaces gaz/solide et liquide/solide. September 21-23, 1981, Aix-en-Provence, France. Organisers: Prof. J. Rouquerol, C.N.R.S. Centre de Thermodynamique et de Microcalorimétrie, 26 Rue du 141^{ème} R.I.A., Marseille, France, and Prof. K.S.W. Sing, Brunel Univ., Kingston Lane, Uxbridge, UB8 3 PH, England.
- 6.27 International Symposium on Thin Liquid Films. September 21-25, 1981, Scientific Station of Sofia Univ., Bulgaria. Information: Prof. I.B. Ivanov, Dept. of Phys. Chem., Faculty of Chemistry, Sofia Univ., 1 Anton Ivanov Ave, Sofia 1126, Bulgaria.
- 6.28 Coll. & Surf. Group BSC1. The Effect of Polymers on Dispersion Properties. September 21-23, 1981, London. (See NL 3 - 6.37).
- 6.29 International Symposium of Powder Technology. September 20-29, 1981, Kyoto, Japan. Information: Prof. G. Jimbo, Dept. of Chem. Engineering, Nagoya Univ., Furo-cho, Chikusa-ku, Nagoya, Japan 464.
- 6.30 2nd Discussion Meeting on Physical Chemistry of Finely Dispersed Systems. September 27-October 3, 1981, Kraków-Mogilany,

- Poland. Information: Dr. J.Czarnecki, Inst. of Catalysis and Surface Chemistry, Polish Acad. Sci., ul. Niezapominajek, 30-239 Kraków, Poland.
- 6.31 Vth. Yugoslav. Symposium on Surface Active Substances. September 30-October 3, 1981, Lake Ohrid, Yugoslavia. Information: Yugoslavski Komitet za Tenzidi, OHIS-OOZT Biljana, P.O.Box 555, 91001 Skopje, Yugoslavia.
- 6.32 Kolloidgeellschaft, 30. Hauptversammlung. Hauptthemen: Schmelzstruktur von Polymersystemen, Wechselwirkung zwischen Kolloidteilchen und Festkörperoberflächen. October 6-9, 1981, Ulm, Germany (FR). Information: Prof. Dr. H.-G. Kilian, Abteilung Experiment. Physik, Univ. of Ulm, Oberer Eßelsberg, D-7900 Ulm/Donau, West-Germany.
- 6.33 Divs. Coll. & Surface Chem., Chem. Soc. Japan. 34th Discussion on Colloid & Interface Chemistry. October 8-10, 1981, Tottori, Japan. Information: Division C & S Chem., 1-5 Kanda Surugadai, Chiyoda-ku, Tokyo 101, Japan.
- 6.34 Soc. of Rheol. Rheology of Suspensions and two-phase Flows. October 11-15, 1981, Louisville, Kentucky, USA. Information: J.D. Goddard, Dept. of Chem. Eng., Univ. of Southern Calif., Los Angeles, Calif. 90007, USA.
- 6.35 3rd Int. Symp. on the Biophysics of Cell Surface. November 1-6, 1981, Arendsee, Altmärk, DDR. Information: Gesellschaft für Physikalische und Mathematische Biologie der DDR, Am Kupfergraben 7, 1080 Berlin, DDR.
- 6.36 Informal Discussion on Emulsion Polymerisation. December 14, 1981, London, organised by the Colloid & Interface Science Group, Faraday Divs.. Information: Dr. J.W. Goodwin, Dept. of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 - 1TS, England.
- 6.37 Faraday Symp. Structure of the Interfacial Region. December 16-17, 1981, Oxford, England. Information: Mrs. Y.A. Fish, The Royal Soc. of Chemistry, Burlington House, London W1V 0BN, England.

6.38 Coll. & Interface Sci. Group Faraday Divs. + Surface Chem. Group SCI. Stability and Control of Suspension Concentrates. April 5-6, 1982, Nottingham, England. Information: Dr. M. Jaycock, Dept. of Chem., Loughborough University of Technology, Loughborough, LE11 3 TU, England.

6.39 VIII. European Chemistry at Interfaces Conference. May 11-15, 1982, Lake Balaton, Hungary. Topics: Capillarity, multicomponent colloidal systems. Information: Prof. E. Wolfram, Dept. of Colloid Sci., L.Eötvös University, H-1445, Budapest 8, POB 328, Hungary.

6.40 ACS. 56th Colloid and Surface Sci. Symposium. June 13-16, 1982, Blacksburg, Virginia, USA. Information: Dr. J.P. Wightman, Chem. Dept., Virginia Polytechn. Inst. and State University, Blacksburg, Virginia 24061, USA.

6.41 International Symposium on Surfactants in Solution. June 28-July 2, 1982, Lund, Sweden (provisional). Information: Prof. B. Lindman, University of Lund, Chemical Centre, Physical Chemistry 1, P.O.B. 740, S-220 07 Lund 7, Sweden.

6.42 6th Summer Conference on Solid/Liquid Interfaces. June 23-July 2, 1982, Hvar, Yugoslavia. Information: Dr. V. Pravdić, Inst. Ruder Bosković, P.O.B. 1016, 41001 Zagreb, Yugoslavia.

6.43 IUPAC Macromolecular Symposium. July 12-16, 1982, Amherst, Mass., USA. Information: Dr. J.C.W. Chien, Dept. of Polymer Sci. & Engineering, University of Massachusetts, Amherst, Mass. 01003, USA.

6.44 Surface Sci. Soc. of Japan and Thin Film and Surface Phys. Div. of the Jap. Soc. of Appl. Phys. 2nd International Symposium on Molecular Beam Epitaxy and Related Clean Surface Techniques. August 27-30, 1982, Lake Kawaguchi (Tokyo), Japan. Information: Prof. R. Ueda, Dept. of Appl. Phys., School of Sci. and Eng., Waseda University, 3-4-1, Ohkubo, Shinjuku-ku, Tokyo 160, Japan.

6.45 3rd International Symposium on the Scientific Basis for the Preparation of Heterogeneous Catalysts. September 6-9, 1982, Leuven, Belgium. Information: Prof. B. Delmon, Université Catholique de Louvain, Groupe de Physicochimie Minérale et de Catalyse, Place Croix du Sud 1, 1348 Louvain-la Neuve, Belgium.

6.46 International Congress of Photographic Science (with some themes of relevance to IACIS). September 6-10, 1982, Cambridge, England. Committee chairman: Mr. C.J.V. Roberts, Research Div., Kodak Ltd., Harrow HA1 4 TY, England.

6.47 Coll. Interface Sci. Group Faraday Divs. + Interface Sci. Group SCI. Adsorption from Solution. September 8-10, 1982, Bristol, England. Honoring Prof. Everett who is due to retire in 1982. Information: Prof. C.H. Rochester, Department of Chemistry, The University, Dundee DD1 4 HN, United Kingdom.

6.48 Faraday Symp. The Hydrophobic Interaction. December 15-16, 1982, Reading, England. Information: Prof. F. Franks, Department of Botany, University of Cambridge, Downing Street CB2 3 EA, Cambridge, England.

7. Contact Addresses

As it is one of IACIS prime goals to improve international cooperation in Colloid and Interface Science it is useful to have contact addresses of organizations in various countries. Such a list can be found in NL 1 - NL 3. Below follow some mutations.

U.K. Secretaries of the two Colloid and Surface Sci. Groups, see NL 2. Secretary Polymer Physics Group Faraday Division: Dr. J.V. Champion, Dept. of Physics, City of London Polytechnic, 31 Jewry Street, London EC3 2 EY; Secretary Statistical Mechanics and Thermodynamics Group: Dr. M. Lal, Unilever Research, Port Sunlight Quarry Rd., East Bebington, Wirral, Merseyside L63 3 JW.

Japan. The International Liaison Officer for 1981 is Prof. M. Nakagaki, Faculty of Pharmaceutical Sci., Kyoto University, Yoshida-Shimoadachi-machi, Sakyo-ku, Kyoto, Japan.

In the future we would like to have IACIS representatives in various countries, including those having no specialized colloid and/or surface science group. For international affairs see also the IUPAC Commission on Surface and Colloid Chemistry. (Item 4 of this Newsletter). The secretary is Prof. M. Kerker, Clarkson College of Technology, School of Arts and Science, 349 Science Center, Potsdam, N.Y. 13676, USA.

8. 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 is carefully checked.

A. New Journals

Physicochemical Hydrodynamics. (Electrochemistry, crystal growth, surface phenomena, transfer processes, particle motion, fluid dynamics, etc.). Chairman Editorial Board: B.G. Levich; Editor-in-chief: D.B. Spalding. Pergamon Press. Published quarterly. Ann. subscription \$ 72.00, two-year rate \$ 136.80.

Electrophoresis. Editor-in-chief: B.J. Radola, Associate Editor: R.C. Allen. Verlag Chemie GmbH, D-6940 Weinheim, Germany (FR). Ann. subscription DM 176.00.

Journal of the Surface Science Society of Japan. Official publication of the Society. Contributions in Japanese or English. (Surfaces and interfaces in general, particle solid surface interactions, surface and interface phenomena in colloid chemistry and biology, surface mechanics, thin films). Editor-in-chief: Prof. R. Ueda. Published quarterly. Ann. subscription \$ 20.00.

J. Dispersion Sci. and Technol. Editors: S. Friberg and P. Becker, Marcel Dekker. Quarterly. Rates: Institutional \$ 45.00, individual \$ 22.50. For postage and handling outside USA \$ 7.00 extra.

Applied Catalysis; An International Journal Devoted to Catalytic Sci. and its Applications, including a News Brief section, provided by correspondents. Editor-in-chief: B. Delmon. Elsevier. 6 issues annually. Dfl 173.00 including postage.

B. New Books

Rheology. G. Astarita, G. Marucci, L. Nicolais, Eds., (Proc. VIII. International Congress Rheol., Naples, Italy). Plenum Press (1980), Vol. 1. Principles, \$ 45.00 (\$ 54.00 outside USA). Vol. 2. Fluids, \$ 69.50 (\$ 83.40). Vol. 3. Applications, \$ 69.50 (\$ 83.40). Set of three: \$ 160.00 (\$ 192.00).

Ionic Hydration in Chemistry and Biophysics. (Studies in Physical and Theoretical Chemistry 12). B.E. Conway. Elsevier (1980). Dfl 270.00.

Ultrafiltration Membranes and Applications. A.R. Cooper, Ed. Plenum (1980). \$ 90.00.

Catalyst Deactivation. (Proc. Int. Symp. Antwerpen, Belgium, Oct. 1980) (Studies in Surface Sci. and Catalysis 6). B. Delmon, G. Froment, Eds. Elsevier (1980). Dfl 92.75.

Contemporary Polymer Chemistry. H.R. Allcock, F.W. Lampe. Prentice-Hall (1981). £21.40.

Detergency: Theory and Test Methods, Part III. W.G. Cutler, R.C. Davis, Eds. (Surfactant Sci. Series, Vol. 5), Marcel Dekker (1981) SFr 118.00.

Anionic Surfactants (Phys. Chem. of Surfactant Action). E.H. Lucassen, Reynders, Ed., (Surfactant Series, Vol. 11), Marcel Dekker (in press 1981).

Anionic Surfactants (Biochemistry, Toxicology, Dermatology). C. Gloxhuber, Ed. (Surfactant Series, Vol. 10), Marcel Dekker (1981) SFr 130.00.

Biomedical and Dental Application of Polymers. C.G. Gebelein, F.K. Koblitz, Eds., Plenum (1981) \$ 71.40.

Water-Soluble Polymers. Developments since 1978. Y.L. Meltzer, Noyes Data Corp., N.J., USA (1981) \$ 54.00.

Molecular Interactions. Vol. 2. H. Ratajczak, W.J. Orville-Thomas, Wiley (1981). £ 112.00.

The Interpretation of Ionic Conductivities in Liquids. S.I. Swedley. Plenum (1980). \$ 30.00

Characterization of Catalysts. J.M. Thomas, R.M. Lambert, Eds. Wiley (1981). \$ 50.00.

Thermodynamics of Polymer Solutions. M. Kurata. Harwood Acad. Publ., Chur (1981). Price in Dfl 128.50.

Magnetic Resonance in Colloid & Interface Sci. J.P. Fraissard, H.A. Ressing, Eds. (Proc. Nato ASI, Menton, France, June-July 1979) Reidel, Dordrecht (Neth). Dfl 145.00

Lösungsmittel und Weichmachungsmittel. Gnam-Fuchs, Eds. Band I: Physik. Grundlagen und Eigenschaften; Lösungen; Band II: Löslichkeitstabellen von Makromolekülen. S. Hirzel-Verlag, Stuttgart. 8. Auflage (1980). Band I + II DM 370.00, Band II separat DM 75.00.

Specialist Periodical Report: Catalysis Vol. 3. C. Kemball & D.A. Dowden, senior reporters. Roy. Soc. of Chem. (1980). £25.00 (members £13.00).

Immobilized Enzymes: an Introduction and Applications in Biotechnology. M.D. Trevan. Wiley (1980). £ 10.50.

Polymer Characterization by ESR and NMR. (ACS. Symp. Series No. 142). A.E. Woodward, F. Borey, Eds., ACS. Washington (1980). \$ 32.50.

The Physical Behaviour of Macromolecules with Biological Functions. S.P. Spragg. Wiley (1980). £12.00.

Chemistry of Interfaces. M.J. Jaycock and G.D. Parfitt, Ellis Horwood Ltd. (1981). £ 27.00. Student Edn. £ 8.50.

9. Personal.

Prof. E. Wolfram, member of council of IACIS was the first recipient of the "Aladár Buzágh Award" of the Hungarian Acad. Sci., for outstanding research contributions.

The international colloid chemical society reports with great regret the deaths of Prof. F.C. Goodrich (Potsdam, USA, Nov. 1980) and Dr. E.J.W. Verwey (Utrecht, Neth., Febr. 1981).

10. Future of these Newsletters.

The purpose of these Newsletters is to keep IACIS members informed about forthcoming events and developments and it is intended to distribute such letters at regular intervals. Suggestions for improvement and help in compiling suitable information may be sent to J.Lyklema, who agreed to compile the relevant information.

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