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IACIS

INTERNATIONAL ASSOCIATION OF COLLOID
AND INTERFACE SCIENTISTS

COLLOID AND INTERFACE SCIENCE INTERNATIONAL NEWSLETTER

NO. 5 - MAY 1982

COMPILED BY J. LYKLEMA

April 1982

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 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 NL1 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.

The council agreed to appoint Prof.Dr. J. Lyklema (Laboratory for Physical and Colloid Chemistry of the Agricultural University, De Dreijen 6, 6703 BC Wageningen, The Netherlands) as the formal Newsletter Secretary. Any NL correspondence should be sent to him.

3. IACIS News (President's Report)

The Association was formally established on Wednesday, July 8, 1981, in Jerusalem at the first general meeting of members. Minutes of that meeting have been sent to all members. The Statutes and Bylaws were approved.

Membership of Council 1981-1983

President	: Professor G.D. Parfitt
President-elect	: Professor E. Matijević
Vice-Presidents	: Professor B.V. Deryagin Professor E. Suito
	Professor A. Weiss

Ordinary Members

: Professor D.H. Everett
 Professor T.W. Healy
 Professor J. Lyklema
 Professor J.Th.G. Overbeek
 Professor A. Schelludko
 Professor A. Silberberg
 Professor G.A. Somorjai
 Professor P. Stenius
 Professor Dr. L. Ter Minassian-Saraga
 Professor E. Wolfram.

According to Transitional Bylaw No. 1 half of the Ordinary Members shall retire in July 1983. A postal ballot will be held at that time.

At the meeting of Council in Jerusalem it was agreed that the administrative office of IACIS should be transferred from Munich to Wageningen during 1982, and that the Association would eventually disassociate from the provisional arrangements with Kolloid-Gesellschaft (transitional Bylaw No. 2). The move took place in January 1982 and we are pleased that Professor Dr. B.H. Bijsterbosch has agreed to take over the duties of Membership Secretary.

It is a pleasure to record our appreciation to Dr. Becker who was Membership Secretary from 1979-1982. He carried out his duties most efficiently and enthusiastically, and made a very significant contribution to the successful establishment of the Association. We are very grateful.

We would also like to express our thanks to the Kolloid Gesellschaft for all the encouragement and help it has given to the Association, and in particular to its president, Professor Weiss, for his guidance and leadership.

Membership in April 1982: ca. 270 members from 30 countries.

A membership list will be distributed together with this NL. For additional copies apply to the Membership Secretary, Prof. Dr. B.H. Bijsterbosch, Laboratory for Physical and Colloid Chemistry, Agricultural University, De Dreijen 6, 6703 BC Wageningen, The Netherlands (same address as NL Secretary).

Fee. The annual fee is US\$ 15.00 with a special reduced rate of US\$ 5.00 for registered students. The fee covers the calendar year.

The account number is IACIS, Account 53927285, Algemene Bank Nederland, Stadsbrink 43, 6707 AA Wageningen, The Netherlands.

Members are requested not to send cheques but ask their banks to transfer the money directly, because cheques are subject to transfer duties and commission up to \$ 3.00. Alternatively, money can be sent in cash of convertible currency.

Reduced subscription. Elsevier has offered a reduced (probably ca. 20%) subscription to members of IACIS for "Advances in Colloid & Interface Sci." (annual subscription rate normally ca. \$ 80.00) and "Colloids & Surfaces" (annual subscription rate normally ca. \$156.00), provided there is sufficient interest.

Members interested should contact Prof. G.D. Parfitt (Dept. of Chemical Engineering, Carnegie-Mellon University, Pittsburgh, PA.15213, USA).

4. IUPAC Commission I.6 News (Commission on Surface and Colloid Chemistry, Including Catalysis)

The composition of this commission for the period 1981-1983 is as follows: J. Lyklema (chairman), M. Kerker (secretary), J. Haber (vice-chairman), R.S. Hansen, M.W. Roberts, K. Tamaru and E. Wolfram (titular members), J.H. Block, N.V. Churaev, P.C. Gravelle, P. Stenius, R.J. Hunter, P. Mukerjee, H. van Olphen, K.S.W. Sing and L. Ter-Minassian-Saraga (associate members), D.H. Everett, R. Haul, A.S. Kertes, S.G. Mason, A.J.G. Maroto, K. Meyer, A. Kitahara, L.G. Nagy and M. Froment (national representatives).

After the 31st Assembly at Leuven (Belgium) this Commission has three documents in the process of publication:

Light Scattering, terminology and symbols. Prepared for publication by M. Kerker, Clarkson College of Technology, Potsdam, N.Y., USA.

Gas Adsorption Reporting. Prepared by a sub-group under K.S.W. Sing, Brunel University, Uxbridge, U.K.

Film Balance Reporting. Prepared by L. Ter Minassian-Saraga, UER Biomédicale, Paris, France.

Those interested can write directly to the persons mentioned.

Other current fields of interest are: surface chemical physics (R.S. Hansen, Ames, Iowa, USA), heterogeneous catalysis (J. Haber, Krakow, Poland), and adsorption from solution (D.H. Everett, Bristol, U.K.).

The next Assembly will be at Lyngby, Denmark, August 1983.

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

4th Conference, Jerusalem, 1981.

Future : 5th Conference, Potsdam, N.Y., USA, 1985 (see under 6)

6th Conference, Japan, 1988.

6. Conferences in the field of Surface and Colloid Science

Note 1. 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:

ML 3 - 6.36 is item 36 of section 6 in Newsletter 3.

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

6.1 VIII. European Chemistry at Interfaces Conference. May 11-15, 1982, Lake Balaton, Hungary. Topics: Capillarity, multicomponent colloidal systems. Information: Prof. E. Wolfgram, Dept. of Colloid Sci., L.Éötvös University, POB 328, H-1445 Budapest-8, Hungary. (See NL 4 - 6.39.)

6.2 8th Canadian Symp. on Catalysis. May 26-29, 1982, Waterloo, Ontario, Canada. Information: J. Karger, Symp. Secretary, Univ. of Waterloo, Waterloo, Ont., Canada N2L 3G1.

6.3 Symp. on the Statistical Mechanics of Surfaces of Liquids or Solutions "Up against the wall". May 31-June 2, 1982 (Part of the Annual Meeting of the Chem. Inst. of Canada), Toronto, Ontario, Canada. Information: J.P. Val- leau or S.G. Whittington, Dept. of Chemistry, Univ. of Toronto, Toronto, Ont., Canada M5S 1A1.

6.4 Conference on the Use of Natural Zeolites in Agriculture and Aquaculture. June 1-4, 1982, Rochester, N.Y., USA. Information: K.D. Schlecht, Dept. of Chem., State Univ. College, Brockport, N.Y. 14420, USA.

6.5 4th Symp. on Applied Surface Analysis. June 2-4, 1982, Dayton, Ohio, USA. Information: J.T. Grant, Univ. of Dayton, Research Institute, Dayton, Ohio- 45469, USA.

6.6 European Plastics Conference. June 7-9, 1982, Paris, France. Information: Société de Chimie Industrielle, 28 Rue St. Dominique, Paris, France.

6.7 Modern Techniques in Surface Chemistry and Catalysis. June 7-25, 1982, Brunel Univ., Uxbridge, U.K.. Residential course. Information: Head of Appl. Chem. Dept., Brunel Univ., Uxbridge, Middlesex UB8 3PH, U.K..

6.8 4th Int. Conference on Physicochemical Hydrodynamics. June 14-17, 1982, New York City, USA. Information: Conference Dept., New York Acad. Sci., 2 East 63rd Str., New York, N.Y. 10021, USA.

- 6.9 ACS 56th Colloid and Surface Sci. Symposium. June 13-16, 1982, Blacksburg, Virginia, USA. Information: Dr. J.P. Wightman, Chem. Dept., Virginia Poly- techn. Inst. and State Univ., Blacksburg, Virg. 24061, USA (See NL 4 - 6.40).
- 6.10 Int. Conference on Polymer Latex and Emulsions. June 15-17, 1982, London, U.K.. Information: R.H. Craven, Plastics and Rubber Inst., 11 Hobart Place, London SW1W 0HL, U.K..
- 6.11 VI. Int. Summer Conference of the Rudjer Bošković Inst. on The Chemistry of Solid-Liquid Interfaces. June 22-30, 1982, Cavtat/Dubrovnik, Yugoslavia. Information: V. Pravič, Inst. "Rudjer Bošković", POB 1016, Zagreb 41001, Yugoslavia. (See NL 4 - 6.42.)
- 6.12 Technologically Important Aspects of Interface Sci. June 21-25 and 28-29, 1982, Imperial College, London. Course in two parts: (1) Theory and Prac- tice; (2) Separation Processes. Information: Dr. B.J. Briscoe, Dept. of Chem. Eng. and Chem. Technol., Prince Consort Rd., London SW7 2BY, U.K..
- 6.13 Int. Symp. on Surfactants in Solution. June 27-July 2, 1982, Lund, Sweden. Information: B. Lindman, Univ. of Lund, Physical Chemistry 1, Chemical Centre, POB 740, S-220 07 Lund-7, Sweden, or K.L. Mittal, Dept. 49F, Bldg. 300-40E, IBM Corp., Hopewell Junction, N.Y. 12533, USA (See NL 4 - 6.41)
- 6.14 Nato Advanced Study Institute on Polymer Colloids. June 28-July 8, 1982, Bristol, U.K.. Information: Prof. G. Poehlein, School of Chem. Eng., Geor- gia Inst. of Technology, Atlanta, Georgia 30332, USA.
- 6.15 6th Int. Symposium on Solute-Solvent Interactions. July 4-10, 1982, Minoo/ Osaka, Japan. Information: H. Ohtaki, Dept. of Electronic Chem., Tokyo Inst. of Technol. at Nagatsuta, Nagatsuta-cho, Midori-ku, Yokohama, 227 Japan.
- 6.16 Nato Advanced Study Institute on the Scientific Basis of Flotation. July 5-16, 1982, Cambridge, U.K.. Information: K.J. Ives, Nato Inst., Dept. of Civil Eng., Univ. College, London WC1E 6BT, U.K..
- 6.17 IUPAC Macromolecular Symposium. July 12-16, 1982, Amherst, Mass., USA. Information: J.C.W. Chien, Dept. of Polymer Sci. & Engin., Univ. of Massa- chusetts, Amherst, Mass. 01003, USA.
- 6.18 23rd Prague Microsymp. on Selective Polymer Sorbents. July 19-22, 1982, Prague, Czechoslovakia. Information: F. Svec, Inst. of Macromolecular Chemistry, Czechoslovak Acad. Sci., Heyrovského n. 2, 16203 Prague-616, Czechoslovakia.

- 6.19 3rd National Conf. Division of Colloid & Surface Chem., Royal Australian Chem. Institute. Aug. 23-27, 1982, Canberra, Australia. Information: R.J. Hunter, School of Chemistry, Univ. of Sydney, Sydney 2006, Australia. Simultaneously: 13th Austr. Polymer Symp.. Information: D.R.G. Williams, Dept. of Chemical Engineering, Univ. of Adelaide, GPOB 498, Adelaide 5001, South Australia.
- 6.20 Surface Sci. Soc. of Japan and Thin Film and Surface Phys. Div. of the Japan 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: R. Ueda, Dept. of Appl. Phys., School of Sci. & Engng., Waseda University, 3-4-1 Okubo, Shinjuku-ku, Tokyo 160, Japan. (See NL 4-6.44.)

- 6.21 Symp. on the Interrelations between Processing, Structure and Properties of Polymeric Materials. Aug. 29-Sept. 2, 1982 Athens, Greece. Information: P.S. Theocaris, Chair of Applied Mechanics, Mional Technical Univ. of Athens, 5K Zographou Street, Athens, Greece.

- 6.22 3rd International Symposium on the Scientific Basis for the Preparation of Heterogeneous Catalysts. Sept. 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, B-1348 Louvain-La-Neuve, Belgium (See NL 4-6.45).

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

- 6.24 Coll. Interface Sci. Group, Faraday Divs., + Interface Sci. Group SCI. Adsorption from Solution. Sept. 8-10, 1982, Bristol, England. Honoring Prof. Everett, who is due to retire in 1982. Information: Prof. C.H. Rochester, Dept. of Chemistry, The University, Dundee, DD1 4HN, U.K. (See NL 4-6.47.)

- 6.25 33rd Meeting, International Society of Electrochemistry. Sept. 6-10, 1982, Lyon, France. Information: President of the organizing committee, M. Costa, 33 - S.I.E. - 81, 1 Place Aristide-Briand, 92190 Meudon-Bellevue, France. Some of the sections are: interfacial electrochemistry, physical chemistry, membranes, micro-emulsions (electrochemical aspects).

- 6.26 ACS 184th Meeting, with contributions of the Divs. of Colloid & Surface Chem. Sept. 12-17, 1982, Kansas City, Mo., USA. Information: A.T. Winstead, ACS, 1155-16th Str. NW, Washington DC 20036, USA. Included are catalysis and symposia on the surface chemistry of hydroxy-apatite surfaces (information on the latter: D.N. Misra, ADAHF Research Unit, NBS, Washington DC 20234, USA), on adhesive joints (information: K.L. Mittal, for address see 6.13), and on chemicals for secondary and tertiary oil recovery (information: P.C. Green, W.R. Grace & Company, Washington Research Center, 7379 Route 32, Columbia, Mo. 21044, USA).

- 6.27 10th Molecular Crystal Symp. Sept. 20-24, 1982, St. Jovite, Que, Canada. Information: D. Chartland, National Research Council of Canada, Ottawa, Ont., Canada K1A 0R6.

- 6.28 6th Int. Conference on Carbon and Graphite, Sept. 20-24, 1982, London, U.K. Information: Soc. of Chem. Industry, 14 Belgrave Sq., London SW1X 8PS, U.K.

- 6.29 Rheology and Microstructure, Sept. 21-24, 1982, Cambridge. Information: Dr. P. Richmond, Unilever Research, Port Sunlight, Wirral L63 3JW, U.K.

- 6.30 Kolloidchemische Aspekte der Wasseranalytik und Wassertechnologie (Kolloid Gesellschaft + Gesellschaft Deutscher Chem.). Sept. 23-24, 1982, Essen, FRG. Information: G. Peschel, Inst. für Physikalische und Theoretische Chemie, Univ. Essen-GHS, Universitätsstrasse 5-7, 4300 Essen, Bundesrepublik Deutschland, or P. Koppe, Chem. & Biol. Labor. des Ruhrverbandes, Kronprinzstrasse 37, 4300 Essen, Bundesrep. Deutschland.

- 6.31 Japanese Discussion on Colloid and Interface Chemistry. Sept. 30-Oct. 2, 1982, Gunma Univ., Kiryo, Japan. Information: Division of Colloid and Surface Chem., Chem. Soc. of Japan, 1-5 Kandra Surugadai, Chiyodaku, Tokyo 101, Japan.

- 6.32 The Physics, Chemistry and Applications of Liquid Crystals, Oct. 27-28, 1982, London, U.K. Information: (Miss) C.A. Johnson, The Royal Soc., 6 Carlton House Terrace, London SW1Y 5AG, U.K.

- 6.33 Faraday Symp. No. 17, The Hydrophobic Interaction. December 15-16, 1982, Reading, England. Information: F. Franks, Dept. of Botany, Univ. of Cambridge, Downing Street, Cambridge, CB2 3EA, England, or (Mrs.) Y.A. Fish, The Royal Soc. of Chem., Burlington House, London, W1V 0BN, U.K.

- 6.34 Surface Analysis. Dec. 15-16, 1982, Oxford, U.K.. Information: (Miss) P.E. Hutchinson, Anal.Divs. Royal Soc. of Chem., Burlington House, London, W1V 0BN, U.K..
- 6.35 Powder Technology Conference "POWTECH 83". March 9-11, 1983, Loughborough, U.K.. Information: D.V. Freshwater, Dept. of Chem.Engineering, Univ. of Loughborough, Loughborough, Leics.LE11 3TU, U.K..
- 6.36 ACS 185th National Meeting. March 20-25, 1983, Seattle, USA. Incl. Symposium on Surface Chemistry in Biology, Dentistry and Medicine. (Information: R.E.Bater, Calspan Advan.Technology Center, POB 400, Buffalo, NY.14225, USA), a Symposium on Concentrated Dispersions (Information: G.D. Parfitt, Dept. of Chem.Eng., Carnegie-Mellon Univ., Pittsburgh, PA.15213, USA), and (tentatively) one on surface phenomena in wear. General information: A.T. Winstead, address see item 6.26.
- 6.37. Proteins in Colloidal Systems (Informal Discuss.). April 14-15, 1983, Leeds, U.K.. Information: W.D. Cooper, Dept. of Chemistry, Univ. of Edinburgh, Edinburgh, EH9 3JJ, U.K..
- 6.38 "Electrophoresis 83". May 9-12, 1983, Tokyo, Japan. Information: Nobuya Hashimoto, Dept. of Internal Medicine, Jikei Univ. School of Medicine, 3-25-8 Nishishimbashi, Minato-ku, Tokyo 105, Japan.
- 6.39 IUPAC 29th Congress. June 4-12, 1983, Cologne, FRG. There are sections on micelles and surface chemistry. Information: W. Fritzsche, Gesellschaft Deutscher Chemiker, POB 900440, D-6000 Frankfurt/M.-90, Fed.Rep.Germany.
- 6.40 57th ACS Colloid & Surface Sci. Symp.. June 12-15, 1983, Toronto, Canada. Information: A.W. Neumann, Dept. of Mech.Eng., Univ. of Toronto, Toronto, Ontario, M5S 1A4, Canada.
- 6.41 Copolymers, Structure and Solution Properties. July 11-14, 1983, Prague, Czechoslovakia (24th Prague Microsymposium). Information: P. Kratochvil, Inst. of Macromolecular Chem., Czechoslovak Acad.Science, Heyrovského nám 2, 162 06 Prague-616, Czechoslovakia.
- 6.42 IUPAC 32nd General Assembly. Aug.18-26, 1983, Lyngby, Denmark. Included are meetings of the Commissions on Macromolecules and Surface and Colloid Science, including Catalysis. Information: IUPAC Secretariat, 2-3 Pound Way, Cowley Centre, Oxford, OX4 3YF, U.K..
- 6.43 ACS, 186th National Meeting. Aug.28 - Sept.2, 1983, Washington D.C.. Information: A.T. Winstead, address see item 6.26.

- 6.44 The Role of Particle Interactions in Powder Mechanics. Aug.29-31, 1983, Eindhoven, The Netherlands. Information: M.M.G. Senden, Laboratorium voor Fysische Technologie (TF) Dept. T, Technische Universiteit Eindhoven, POB 513, 5600 MB Eindhoven, The Netherlands.
- 6.45 29th Int.Symp. on Macromolecules. Sept.5-9, 1983. Information: C. Simionescu, Institutul de Chimie Macromoleculara Petru Poni, Aleea Grigore Ghica Voda Nr.41A, Iasi, Romania.
- 6.46 7th Int.Conference on Crystal Growth. Sept.12-16, 1983, Stuttgart, FRG. Information: K.W. Benz, Kristalllabor, Physikalisches Institut der Univ., Pfaffenwaldring 57, 7000 STUTTGART-80, Fed.Rep.Germany.
- 6.47 Concentrated Colloidal Dispersions. Sept.14-16, 1983, Loughborough, U.K. (Faraday Discuss. Nr. 76). Information: R.H. Ottewill, School of Chemistry, Univ. of Bristol, Cantock's Close, Bristol, BS8 1TS, U.K..
- 6.48 [Provisional] 3rd Discussion Meeting on the Physical Chemistry of Finely Dispersed Powders. Sept.1983, Kraków, Poland. Information: J. Czarnecki, Inst. of Catalysis & Surface Chem., Polish Acad.Sci., Ul.Niezapominajek, 30-239 Kraków, Poland.
- 6.49 Molecular and Microstructural Basis of Viscoelasticity and Related Phenomena (Faraday Symp. Nr. 18), Dec. 1983, U.K.. Information: (Mrs.) Y.A. Fish, address see item 6.33.
- 6.50 ACS 187th National Meeting. April 8-13, 1984. St. Louis, USA. Information: A.T. Winstead, address see item 6.26.
- 6.51 Interfacial Kinetics in Solution (Faraday Discuss. Nr. 77). April, 1984, U.K.. Information (Mrs.) Y.A. Fish, address see item 6.33.
- 6.52 58th Colloid and Surface Sci. Symposium. June, 1984, Pittsburgh, USA. Information: G.D. Parfitt, Dept. of Chem.Engineering, Carnegie-Mellon Univ., Schenley Park, Pittsburgh, Penna.15213, USA.
- 6.53 8th Intern. Congress on Catalysis. July 2-6, 1984, Berlin, FRG. Information: H. Knözinger, Inst. für Physik.Chemie der Universität München. Sophienstrasse 11, D-8000 München-2, Fed.Rep.Germany.
- 6.54 ACS 188th National Meeting. Aug.26-31, 1984, Philadelphia, USA, Information: A.T. Winstead, address see item 6.26.

6.55 IX. European Chemistry at Interfaces Conference. Sept. 1984, Belgium.

Information: A. Watillon, Service de Chimie Analytique, Université Libre, CP 160; 50, Avenue F.D. Roosevelt, 1050 BRUXELLES, Belgium.

6.56 Preview 1985: 5th International Conference on Surface and Colloid Science (IACS), joint with the 59th Colloid & Surface Science Symp. (ACS, Divs. Coll. & Surface Sci.). June 24-28, 1985, Potsdam, N.Y., USA.
Information: E. Matijević, Clarkson College of Technol., Potsdam, N.Y. - 13676, USA

7. Contact Addresses

As it is one of IACS' 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 4.

Below follow some mutations.

U.K. - The Secretary of the Colloid and Interface Sci. Group of the Faraday Divs. of the Royal Society of Chemistry is Dr. R. Aveyard, Dept. of Chemistry, Univ. of Hull, Hull, HU6 7RX, U.K., and the Newsletter Editor is Dr. D.B. Hough, Unilever Research, Port Sunlight Lab., Bebington, Wirral, LG3 3JW, U.K..

USA - The Secretary of the Division of Colloid and Surface Chemistry, ACS, is Dr. E. Kugler, Exxon Research and Engineering Company Corporate Research, POB 45, Linden, N.J. 07036, USA.

In future we would like to have IACS 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 NL). 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 IACS 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 can not accept any responsibility for omissions or errors, although of course the information is carefully checked.

A.1 Journals

Dr. Th.F. Tadros (ICI Ltd, Jealott's Hill Research Station, Bracknell, Berks. RG12 6EY, U.K.) is now regional Editor for Europe of "Colloids and Surfaces".

The Proceedings of the Conference "Particle Interaction in Suspension" (Canberra, March 1981) are to appear in one of the forthcoming issues of Advances in Colloid and Interface Sci.

A.2 New Journals

Industrial Chemistry Bulletin, starting Febr. 1982, published by the Royal Soc. of Chem. London (Burlington House, London, W1V 0BN, U.K.). Editor: A Cubitt. Subscription: Members of RSC £ 8.00, Nonmembers: UK £ 30.00, overseas (excluding Japan) £ 32.00.

Cellular Polymers (the successor of the Europ.J. of Cellular Plastics), starting May 1982. Editor: J.M. Ruist. Quarterly. Price not yet fixed. Appl.Sci.Publishers Ltd., 22 Ripplside Commercial Estate, Ripple Road, Barking, Essex, IG11 0SA, U.K..

B. Serials

Undergraduate Chemistry Series Vol.8. Polymer Chemistry. An Introduction. R.B. Seymour, C.E. Carraher. M.Dekker, 1981. SFe. 80.00.

Surface and Colloid Science (Ed. E. Matijević) Vol. 12. Plenum, \$ 66.00.

Progress in Crystal Growth and Characterization (Ed. R.R. Ramplin) Vol.4, No. 3. Pergamon Press, Oxford, 1981. \$ 29.00.

Advan. Catalysis (Eds. D.D. Eley, H. Pines, P.B. Weisz) Vol.30, 1981, Acad.Press. \$ 58.50.

Progress in Surface & Membrane Sci. (Eds. D.A. Cadenhead, J.F. Danielli) Vol.14. Acad.Press, 1981.

Adhesion (Ed. K.W. Allen) Vol. 5. Appl.Sci.Publ., Barking, Essex, U.K. 1981. £ 18.00.

C. Books 1981

Flocculation and Coagulation, R.J. Akers. Chapman & Hall, £ 18.00.

Catalysis: Science and Technology. Vol. 1. (Eds. J.R. Anderson, M. Boudart.) Springer, Berlin. DM 142.00.

Electrophoresis: Theory, Techniques and Biochemical and Biological Applications. A.T. Andrews. Oxford Univ. Press. £ 25.00.

- Polymer Latices and their Applications. Ed. K.O. Calvert. Applied Sci. Publ. (Barking, Essex, U.K.). £ 19.30.
- Growth of Crystals. Vol. 12. A.A. Chernov (transl. from Russian). Plenum. \$57.00.
- Surfactants, Detergents and Sequestrants. Developments since 1979. Ed. J.I. Distasio, Noyes Data Corp. (Park Ridge, N.J.). \$ 48.00.
- Emulsion Polymerization of Vinyl Acetate. M.S. El-Aasser and J.W. Vanderhoff Eds., Appl.Sci.Publ., Essex, U.K..
- Affinity Chromatography and Related Techniques. Eds. T.C.J. Gribnau, J. Visser and R.J.F. Nivard (Proc. 4th Int.Symp. on Affinity Chromatography, Veidhoven, The Netherlands, 1981), Elsevier. Dfl. 195.00 or £ 42.00.
- Zeta Potential in Colloid Science (Colloid Science: A Series of Monographs) R.J. Hunter. Acad.Press. UK: £ 35.00; other countries: \$ 84.00.
- Grenzflächenerscheinungen (Grundzüge der Physik.Chemie, Band VII). M. Kahlweit. Steinkopff (Darmstadt, Fed.Rep.Germany). DM 29.50.
- The Chemical Physics of Solid Surfaces and Heterogeneous Catalysis. Vol.1. Clean Solid Surfaces. Eds. D.A. King, D.P. Woodruff. Elsevier. Dfl. 230.00.
- Surface Chemistry of Froth Flotation. J. Leja. Plenum. \$ 83.00.
- Dispersion of Powders in Liquids. 3rd Ed., Ed. G.D. Parfitt. Applied Sci. Publ., London and Englewood, New Jersey, USA. \$ 76.00.
- Adsorption of Inorganics at Solid-Liquid Interfaces. Eds. M.A. Anderson, A.J. Rubin. Ann Arbor Science Publ./Butterworths. Dfl. 119.90.
- Adsorption from Aqueous Solutions (Proc. Satellite Symp. held at meeting ACS, Houston, 1980). Ed. P.H. Tewari. Plenum Press. \$ 35.00.
- Electrodes of Conductive Metallic Oxides. Ed. S. Trasatti. Part B. Elsevier. Dfl. 170.00 or US \$ 72.25.
- Polypeptides and Protein Structure. A.G. Walton. Elsevier. Dfl. 100.00.
- Electrophoresis '81. Advances Methods: Biochemical and Clinical Applications (Proc. 3rd Int.Conf. on Electrophoresis, Charleston, S.C., 1981). W. de Gruyter, Berlin. DM 245.00.
- Surface Phenomena in Enhanced Oil Recovery (Proc.Symp. held as part of the 3rd Int.Conf. Surface & Colloid Chem., Stockholm, 1979). Plenum. \$ 114.00.

- Macromolecules (Proc. 27th Int.Symp., Strassbourg, France, 1981). Eds. H. Benoit, P. Rempp. Pergamon Press. \$ 100.00.
- Polymers and Their Properties. Vol. 1. Fundamentals of Structure and Mechanics. J.W.S. Hearle. Ellis Horwood, Chichester. £ 30.00.
- Emulsion Polymerization. I. Piirma. Acad.Press. \$ 58.00.
- Macromolecular Solutions: Solvent-Property Relationships in Polymers. Eds. R.B. Seymour, G.A. Stahl. Pergamon Press. \$ 45.00.
- The Effect of Polymers on Dispersion Properties (Proc.Int.Symp. London, Sept. 1981). Ed. Th.F. Tadros. Acad. Press.
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 collecting suitable information may be sent to the undersigned, who agreed to edit the relevant information.
- The suggestion has been put forward to issue the NL at more frequent intervals and then use it also as a forum for post-doc positions/advertisements. Suggestions also to the undersigned.

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