

IACIS

**INTERNATIONAL ASSOCIATION OF COLLOID
AND INTERFACE SCIENTISTS**

NEWSLETTER NO. 14

August 1988

compiled by J. Lyklema

INTERNATIONAL ASSOCIATION OF COLLOID AND INTERFACE SCIENTISTS

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1. ABOUT THE NEWSLETTER/FROM YOUR NEWSLETTER EDITOR

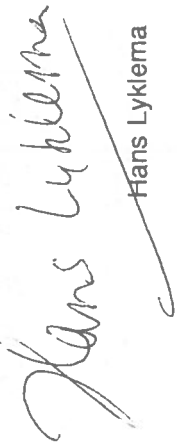
The main purpose of the Newsletter is the same as that of IACIS, namely to promote international cooperation in colloid and interface science. It is hoped that through these letters colloid and interface scientists become better informed about forthcoming events and important developments, and about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

So far, I have edited 14 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 was 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".

The attempt to start a new department on positions wanted was unsuccessful. The main reason is that, so far, the NL is not yet frequent enough.

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 1.6) 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

In succeeding Per Stenius as President I am conscious of the important part he has played in establishing a review of the present organisation of IACIS and initiating changes in our rules. The last Newsletter contained a preliminary account of changes

which are to be proposed to the Statutes and Bylaws of IACIS to enable the Association to be more effective in promoting international cooperation in Colloid and Interface Science. These proposals are now being formulated in revised Statutes and Bylaws which will shortly be put to the membership for ratification.

The value of IACIS as an 'umbrella organisation' bringing together the international colloid and interface science fraternity will be greatly enhanced by a substantial increase in membership. I do therefore urge members to encourage their colleagues to join the Association. Only in this way can we hope to have any effective influence on the development of our subject internationally.

Arrangements will shortly be going ahead for the 1991 IACIS International Conference on Colloid and Interface Science to be held in France. The provisional dates are end of June - beginning of July. Further details will be circulated to members with the next Newsletter. Meanwhile I look forward to your cooperation and furthering the aims of the Association. If you have views on how we might play a greater role please do let me know.

D.H. Everett
President

3.2 Pending changes in IACIS

During the 6th International Conference in Hakone there was much discussion about the future of IACIS. Many members and council members felt that an individual membership between 300 and 400 was not large enough to pursue the (relatively) formidable ideal of world-wide coordination. Many scientists around the world feel that the local societies of which they are members represent their interest to a satisfactory degree, reason why they refrain from becoming an IACIS-member. Against this background the idea was launched to change the structure of IACIS more to that of an umbrella-type of organisation which local groups can join. The rules for such collective membership have to be worked out and this will take some time. They will require a change of statutes and bylaws of which you will be informed. The new president, Prof. Everett, has taken the first steps to realize all of this. IACIS members may be interested to learn that cooperation with ECIS is improving. Pending more definite agreements after the restructuring of IACIS, one of the arrangements is that the present NL will also be sent to all ECIS members (against payment).

In addition, election procedures for a new council and a president-elect are on their way.

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 end of June - beginning of 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's 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 local language and of 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. 11, will be in the German Democratic Republic in 1990, see this NL 6.95. 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 IUPAC COMMISSION ON SURFACE AND COLLOID CHEMISTRY, INCLUDING CATALYSIS

The commission is scheduled to meet at the occasion of the 34th General Assembly at Lund, Sweden, August 9-14, 1989. See this NL 6.74.

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, Potsdam - NY, U.S.A., 1985

6th Conference, Hakone, Japan, 1988.

Future: 7th Conference, France, 1991, probably end June - beginning 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) September 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) X European Chemistry at Interfaces Conference.
- 8) June 1989, Turku (Finland) 10th Scandinavian Symposium on Surface Chemistry.

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 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.

6.2 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.

6.3 39th Annual Meeting of the International Society for Electrochemistry: Electrochemical Dynamics, September 4-9, 1988, Glasgow, Scotland. Contact: Prof. M.L. Hitchman, Department of Pure and Applied Chemistry, Strathclyde University, 295 Cathedral Street, Glasgow G1 1XL, U.K.

6.4 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.

6.5 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 London, Gower St., London, EC1E 6BT, U.K.

6.6 Fractal Structures, Fundamentals and Applications, September 12-16, 1988, Chateau-d'Oex, France. Contact: Dr. J. Weber, Université de Genève, Faculté des Sciences - Chimie, 30 Quai Ernest-Ansermet, 1211 Genève-4, Switzerland.

6.7 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.

6.8 European Conference on Structure and Reactivity of Surfaces, September 13-16, 1988, Trieste, Italy. Joint Meeting of the Faraday Division of the Royal Society of Chemistry with the Associazione Italiana di Chimica Fisica, Division de Chimie Physique of the Société Française de Chimie and Deutsche Bunsen Gesellschaft für Physikalische Chemie. Contact: Prof. C. Morterra, Istituto di Chimica Fisica, Corso Massimo D'Azeglio 48, 10125 Torino, Italy or Prof. F.S. Stone, School of Chemistry, University of Bath, Bath BA2 7AY, U.K.

6.9 2nd European Colloid and Interface Society Conference, September 19-22, 1988, Bordeaux-Arcachon, France. Contact: Secretariat 2nd ECIS Conference, Centre de Recherche Paul Pascal (CNRS), Domaine Universitaire, 33405 Talence Cedex, France.

6.10 International Conference on Plasma Surface Engineering, September 19-23, 1988, Garmisch-Partenkirchen, F.R.G. Contact: Conference Secretariat, Deutsche Gesellschaft Metallkunde e.V., Adenauerallee 21, D-6370 Oberursel, F.R.G.

6.11 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.

6.12 **Polymerisation and Polymer Behaviour**, autumn meeting of the Faraday Division of the Royal Society of Chemistry, September 20-22, 1988, Birmingham, U.K. Contact: Prof. I.W.M. Smith, Department of Chemistry, University of Birmingham, P.O. Box 363, Birmingham B15 2TT, U.K.

6.13 **Polymer Surfaces Interfaces Workshop**, (ACS Division of Polymer Chemistry), September 20-23, 1988, Pacific Grove California, U.S.A. Contact: J. Rabolt, IBM, Almaden Research Center, 650 Harry Road, San Jose - CA 95120-6099, U.S.A.

6.14 **Structure In Disperse Systems and Its Characterisation**, September 21-23, 1988, Bath, U.K. Organised by the Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry. Contact: Dr. J.W. Goodwin, Department of Physical Chemistry, School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, U.K.

6.15 **196th ACS National Meeting**, including Division of Colloid and Surface Chemistry and Division of Polymer Chemistry, September 25-30, 1988, Los Angeles - CA, U.S.A. Contact: B.R. Hodsdon, 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.

- Subsymposia:
- Advances in Understanding the Structure and Dynamics of Adsorbed Species: Theory and Experiment.
 - Zeolite Synthesis.
 - Tribology (Friction, Lubrication and Wear): Advances in Tribology.
 - Photochemical and Electrochemical Surface Science: Electrocatalysis.
 - Surface Science of Catalysis: Catalytic C-H Bond Activation in Methane.
 - Surfactants and Association Colloids: Surfactant Based Separations.
 - Colloidal Particles: Ordered Particles and Polymer Colloids.
 - Colloid Science and Related Topics: General Papers.
 - Catalysis and Related Topics: General Papers.

- Molecular Processes at Solid Surfaces: Reactions of Organic Molecules with Heteroatoms on Transition Metal Surfaces - Structure, Mechanisms and Dynamics.

6.16 **17th International Symposium on Chromatography**, September 25-30, 1988, Vienna, Austria. Contact: Gesellschaft Deutscher Chemiker, Abt. Tagungen, P.O. Box 900440, D-6000 Frankfurt/Main 90, F.R.G.

6.17 **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.

6.18 **9th Meeting of the Polymer Networks Group**, September 26-30, 1988, Freiburg, F.R.G. Contact: W. Burchard, Institute of Macromolecular Chemistry, University of Freiburg, Stefan-Meier-Strasse 31, D-7800 Freiburg, F.R.G.

6.19 **Paper Chemistry Symposium**, September 27-29, 1988, Stockholm, Sweden. Contact: Lars Ödberg, SSTFI, Box 5604, S-114 86, Stockholm, Sweden.

6.20 **41st Annual Symposium on Colloid and Interface Chemistry and Colloid and Interface Section of the 57th Annual Meeting of the Chemical Society of Japan**, September 27-30, 1988, Sendai, Japan. Contact: The Chemical Society of Japan, Division of Colloid and Surface Chemistry, 1-5, Kanda-Surugadai, Chiyoda-ku, Tokyo 101, Japan.

6.21 **7th International Symposium on Surfactants In Solution**, October 2-7, 1988, Ottawa, Canada. Contact: K. Charbonneau, 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.

6.22 2nd International Symposium Mechanism of Heterogeneous Catalysis - Quantum Chemical Approach, October 2-9, 1988, Zakopane, Poland. Contact: Dr. M. Witko, Institute of Catalysis and Surface Chemistry, ul. Niezapaominajek, 30 239 Krakow, Poland.

6.23 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.

6.24 5th Hungarian Conference on Colloid Chemistry (with international participation), October 4-8, 1988, Balatonfüred, Hungary. Contact: Dr. F. Csémpesz, Colloid Science Department, Loránd Eötvös University, P.O. Box 328, H-1088 Budapest VIII, Hungary.

6.25 U.S. Technical Ceramics and Glasses for High Performance Applications, October 9-11, 1988, Maastricht, The Netherlands. Contact: Mr. B. Kennedy, American Embassy, Lange Voorhout 102, 2514 ES, The Hague, The Netherlands.

6.26 2nd International Conference on Ceramic Powder Processing Science, October 12-14, 1988, Berchtesgaden, F.R.G. Contact: Deutsche Keramische Gesellschaft e.V., P.O. Box 1226, D-5340 Bad Honnef 1, F.R.G.

6.27 1st Nordic Symposium on Catalysis, October 18-20, 1988, Lund, Sweden. Contact: Prof. R. Larsson, Dept. of Inorganic Chemistry, University of Lund, P.O. Box 124, S-22100 Lund, Sweden.

6.28 4th International A.N. Frumkin Symposium: Bioelectrochemistry Today and Tomorrow, October 24-28, 1988, Moscow-Suzdal, U.S.S.R. Contact: Dr. A.G. Volkov, The A.N. Frumkin Institute of Electro-chemistry, Academy of Sciences of the U.S.S.R., Leninsky Prospekt, 31, 117071, Moscow, U.S.S.R.

6.29 3rd Symposium on Current Topics in Colloid and Surface Chemistry: Surfactants. October 28-29, 1988, Tokyo, Japan. Contact: The Chemical Society of Japan, Division of Colloid and Surface Chemistry, 1-5, Kanda-Surugadai, Chiyoda-ku, Tokyo 101, Japan.

6.30 Biotechnology Applications In Hazardous Waste Treatment, October 30 - November 4, 1988, Longboat Key - FL. Contact: The Engineering Foundation, 345 East 47th Street, New York, NY 10017, U.S.A.

6.31 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.

6.32 2nd Symposium on Liquid Particle Size Measurement Techniques, November 9-11, 1988, Atlanta, U.S.A. Contact: ASTM, 1916 Race Street, Philadelphia - PA 19103, U.S.A.

6.33 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 Prospekt, 31, Moscow 117915, U.S.S.R.

6.34 Liquid Crystal Polymers Symposium, November 28 - December 3, 1988, Boston - MA, U.S.A. Contact: Prof. S.I. Stupp, Dept. of Materials Science and Engineering, University of Illinois at Urbana-Champaign, 1304 W. Green St., Urbana, Illinois 61801, U.S.A.

6.35 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.

6.36 5th Miami International Symposium on Multi-Phase Transport and Particulate Phenomena, December 12-14, 1988, Miami Beach, U.S.A. Contact: Symposium coordinator, Clean Energy Research Institute, University of Miami, P.O. Box 248294, Coral Gables - FL 33124, U.S.A.

6.37 Aggregation In Colloidal Dispersions, December 16, 1988, Scientific Societies 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.

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6.38 42nd Annual Symposium on Colloid and Interface Chemistry, 1989, Kofu, Japan. Contact: The Chemical Society of Japan, Division of Colloid and Surface Chemistry, 1-5, Kanda-Surugadai, Chiyoda-ku, Tokyo 101, Japan.

6.39 10th World Congress on Agglomeration, 1989, Japan. No further information available.

6.40 17th Australian Polymer Symposium, January 30 - February 3, 1989, Brisbane, Australia. Contact: D.J.T. Hill, Chemistry Department, University of Queensland, Brisbane 4067, Australia.

6.41 International Conference & Showcase on the Handling and Processing of Rheologically Problematic Materials, January 31 - February 2, 1989, Chicago, U.S.A. Contact: Mr. A.S. Goldberg, Cahners Exposition Group, P.O. Box 5060, Des Plaines - IL 60017 - 5060, U.S.A.

6.42 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.

6.43 Innovations in Materials Processing Using Aqueous, Colloid and Surface Chemistry, February 27 - March 2, 1989, Las Vegas, U.S.A. (Symposium at the annual meeting of the American Institute of Mining, Metallurgical and Petroleum Engineers). Contact: Fiona M. Doyle, University of California, Department of Materials Science and Mineral Engineering, Hearst Mining Building, Berkeley - CA 94720, U.S.A.

6.44 International Symposium on Thermodynamics in Pharmaceuticals, March 1-3, 1989, Stockholm, Sweden. Contact: The Swedish Academy of Pharmaceutical Sciences, P.O. Box 1136, S-111 81 Stockholm, Sweden.

6.45 2nd Annual Meeting of the American Filtration Society: Particle Separation and Environmental Problems; Solid-Liquid Separation Fundamentals and Membranes, March 27-29, 1989, Pittsburgh, PA U.S.A. Contact: Dr. S.H. Chian, University of Pittsburgh, Chem. & Petroleum Engineering Dept., 1249 Benedum Hall, Pittsburgh, Pennsylvania, 15261, U.S.A. or Dr. F. Tiller, Dept. of Chemical Engineering, Mail Stop 52221, University of Houston, 4800 Calhoun Str., Houston, TX 77004, U.S.A.

6.46 Polymer Latex III, Spring 1989. Contact: M.D. Shuttleworth, The Plastics and Rubber Institute, 11 Hobart Place, London SW1S 0HL, U.K.

6.47 Electrical Conduction in Polymers, Spring 1989. Contact: The Conference Officer, The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

6.48 2nd International Symposium on Copolymerization and Copolymers in Dispersed Media, April 3-7, 1989, Lyon, France. Contact: J. Guillet or C. Pichot, Laboratoire des Matériaux Organiques, P.O. Box 24, F-69390 Vernaison, France.

6.49 Surfactant Interactions in Colloid Systems, April 4-7, 1989, Hull, U.K. Contact: Dr. R. Buscall, The Royal Society of Chemistry, Burlington House, London W1V 0BN, U.K.

6.50 197th ACS National Meeting, including Division of Colloid and Surface Chemistry and Division of Polymer Chemistry, April 9-14, 1989, Dallas - TX, U.S.A. Contact: B.R. Hodsdon, 1155-16th Street N.W., Washington - DC 20036, U.S.A.

- Subsymposia:
- Molecular Processes at Solid Surfaces: Diffusion and Chemical Reactivity at Surfaces.
 - Surface Science of Catalysis: Applications of Solid State NMR in Catalysis.
 - Photochemical and Electrochemical Surface Science: Spectroelectrochemistry.
 - Tribology (Friction, Lubrication and Wear):
 - I. Lubrication of Magnetic Media.
 - II. Chemistry and Chemical Engineering in Tribology: Symposium in Honor of Elmer Claus.

- Surface Chemistry in Biology, Medicine and Dentistry: Colloid Science in Biology.
- Colloid Science and Related Topics: General Papers.
- Catalysis and Related Topics: General Papers.

6.51 Catalysis by Well-Characterised Materials, April 11-13, 1989, Liverpool, U.K. (General Discussion No. 87 of the Faraday Division of the Royal Society of Chemistry). Contact: Prof. R.W. Joyner, Leverhulme Centre for Innovative Catalysis, Department of Inorganic, Physical and Industrial Chemistry, University of Liverpool, P.O. Box 147, Liverpool L69 3BX, U.K.

6.52 4th International Conference on Langmuir-Blodgett Films, April 24-29, 1989, Tsukuba, Japan, Contact: Dr. Hiroo Nakahara, Secretary General of the Organising Committee, Faculty of Science, Saitama University, Urawa, 338 Japan.

6.53 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.

6.54 3rd International Conference on Separations Technology, May 14-19, 1989, Davos, Switzerland. Contact: Engineering Foundation, 345 East 47th Street, New York, NY 10017, U.S.A.

6.55 Journées d'Électrochimie, May 29 - June 1, 1989, Montpellier, France (with sections on Interfacial Electro-chemistry and Colloidal Systems). Contact: Secrétariat, Laboratoire de Physicochimie des Systèmes Poly-phases. U.A. 330 CNRS, B.P. 5051, 340 33 Montpellier Cedex, France.

6.56 8th Conference on Surface and Colloid Chemistry, with international attendance, May 29 - June 2, 1989, the Castle of Liblice near Melnik, Czechoslovakia. Contact: Dr. J. Kloubek, UFFCHE-JH CSAV, Dolejskova 3, 182 23 Prague 8, Czechoslovakia.

6.57 3rd International Conference on Fouling and Cleaning in Food Processing, June 4-7, 1989, Prien, F.R.G. Contact: Prof.dr.ing. H.G. Kessler, Technische Universität München, Institute for Dairy Science and Food Processing, Vöttlinger Strasse 45, D-8050 Freising-Weihenstephan, F.R.G.

6.58 Applications for New Trends in Surfactant and Colloid Chemistry, June 5-9, 1989, Torino, Italy. Contact: Prof. E. Barni, Istituto di Chimica Organica Industriale, Università di Torino, Corso Massimo d'Azeglio 48, 10125 Torino, Italy.

6.59 Chevreul International Congress for the Study of Fats, June 6-9, 1989, Angers, France. Contact: Centre de Congres, 33 Boulevard Carnot, 49100 Angers, France.

6.60 EUCHEM Conference on Adsorption of Macromolecules and Surfactants from Solution, June 12-14, 1989, Turku, Finland. Contact: Prof. J.B. Rosenholm, Department of Physical Chemistry, Abo Akademi, SF-20500 Turku, Finland.

6.61 10th Scandinavian Symposium on Surface Chemistry, Sponsored by IACIS, June 14-16, 1989, Turku, Finland. Contact: Prof. J.B. Rosenholm, Department of Physical Chemistry, Abo Akademi, SF-20500 Turku, Finland.

6.62 63rd Colloid and Surface Science Symposium (sponsored by ACS Division of Colloid and Surface Chemistry), June 18-21, 1989, Seattle, U.S.A. Contact: Prof.dr. Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle - WA 98195, U.S.A.

Subsymposia:

- Adhesion
- Colloid Stability.
- Dense and structured dispersions.
- Structured liquids.
- Aerocolloidal systems.
- Colloidal ceramics.
- Advances in instrumentation.
- Thin films and membranes.
- Surface science/Catalysis.

- Biological materials.
- Fibrous materials.
- General papers.

6.63 1st European Ceramic Society Conference, including Science of Ceramics 15, June 19-23, 1989, Maastricht, The Netherlands. Contact: Secretariat 1st ECerS Conference, MECC, P.O. Box 1630, 6201 BP Maastricht, The Netherlands. See also this NL 7.2.

6.64 8th International Summer Conference on Chemistry of Solid/Liquid Interfaces, June 22 - July 1, 1989, Creveni Otok (Rovinj) Yugoslavia. Organised by the Rudjer Boskovic Institute. Contact: Dr. V. Pravdic, Center for Marine Research Rudjer Boskovic, P.O. Box 1016, 41001 Zagreb Croatia, Yugoslavia.

6.65 International Conference on Polymer Latex III, June 27-28, 1989, London, U.K. Contact: Secretariat Conference Office Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, U.K.

6.66 2nd European Conference on Catalysis "G-M Schwab", July 16-21, 1989, Berlin, F.R.G. Contact: Prof.dr. G. Ertl, Fritz-Haber Institut der M.P.G., Faradayweg 4-6, D-1000 Berlin 33, F.R.G.

6.67 32nd Microsymposium on Macromolecules "Polymer Blends", July 17-20, 1989, Prague, Czechoslovakia. Contact: P.M.M. Secretariat, Institute of Macromolecular Chemistry, 16206 Prague, Czechoslovakia.

6.68 International Symposium on Processes Governing the Movement and Fate of Contaminants in the Subsurface Environment, July 24-26, 1989, Stanford, California, U.S.A. Contact: Prof. P. L. McCarty, Department of Civil Engineering, Stanford University, Stanford, CA 94305-4020, U.S.A.

6.69 Symposium Australian Colloid Group, August 1989, Brisbane, Queensland, Australia. Division of Colloid and Surface Chemistry. Royal Australian Chemical Institute Congress. Contact: R. Hunter, University of Sydney, New South Wales, Australia 2006.

6.70 Workshop on Interactions and Self-Assembling-Systems, Santa Barbara, U.S.A., August 1 - December 31, 1989. Mainly theoretical, covers also a broad range of topics including colloidal aggregation, micelles, micro-emulsions, and the forces responsible for self assembly. Contact: Prof. P. Pincus, Materials Department, University of California, Santa Barbara - CA 93106, U.S.A.

6.71 32nd IUPAC Congress, August 2-7, 1989, Stockholm, Sweden. Contact: Stockholm Convention Bureau, P.O. Box 6911, S-102 39 Stockholm, Sweden.

6.72 XX ICSC International Conference on Solution Chemistry, August 6-11, 1989, Jerusalem, Israel. Contact: Secretariat XX ICSC, P.O. Box 50006, Tel Aviv 61500, Israel.

6.73 5th International Symposium on Magnetic Resonance in Colloid and Interface Science, August 7-11, 1989, Delaware Newark, U.S.A. Contact: Prof. C. Dybowski, Department of Chemistry and Biochemistry, University of Delaware, Newark, Delaware 19716, U.S.A.

6.74 IUPAC 34th Assembly (with meetings of Commission 1.6 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 1.6, The University, School of Chemistry, Cantock's Close, Bristol BS8 1TS, U.K.

6.75 8th International Zeolite Conference, August 9-14, 1989, Amsterdam, The Netherlands. Contact: Ms. M. Labouchere, QLT Convention Services B.V., Keizersgracht 792, 1017 EC Amsterdam, The Netherlands.

6.76 IUPAC Conference on Chemical Thermodynamics with special reference to Calorimetry, August 25-28, 1989, Beijing, China. Contact: Mr. Yu Zhi-wu, Department of Chemistry, Tsinghua University, Beijing, China.

6.77 **7th International Summer School on Crystal Growth**, August 26-31, 1989, Yamagata, Japan. Contact: Prof. H. Komatsu, Inter Group Corporation, Akasaka Yamakatsu Building, 8-5-32 Akasaka, Minato-ku, Tokyo 107, Japan.

6.78 **Inorganic Particulates**, September 1989, NEWI, Wrexham, U.K. Contact: Dr. R. Buscall, The Royal Society of Chemistry, Burlington House, London W1V 0BN, U.K.

6.79 **VII Yugoslav Symposium on Surface Active Agents**, September 1989, Tuzla, Yugoslavia. Contact: Yugoslav Committee for Surface Active Agents, Industrija Deterdzenata 'Dita', 75000 Tuzla, Husinskih rudara b.b., Yugoslavia.

6.80 **5th International Conference on Magnetic Fluids**, September 1989, Riga, U.S.S.R. Contact: Prof. E. Blums, Institute of Physics, Latvian SSR Academy of Sciences, 229021 Riga, Salaspils, U.S.S.R.

6.81 **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.

6.82 **Biennial Polymer Meeting**, September 1989, Reading, U.K. Contact: Dr. M. Richardson, National Physical Laboratory, Teddington, Middlesex, TW11 0LW, U.K.

6.83 **198th ACS National Meeting, Including Division of Colloid and Surface Chemistry and Division of Polymer Chemistry**, September 10-15, 1989, Miami Beach, U.S.A. Contact: Prof. dr. Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle - WA 98195, U.S.A.

- Subsymposia:
- Colloidal Particles/Surfactants and Association Colloids: Polymeric Surfactants.
 - Photochemical and Electrochemical Surface Science: Electrochemistry of Hydrocarbons.
 - Liquid Crystals and Ordered Fluids:
 - I Tribology and the Liquid Crystalline State.
 - II Fluctuations in Lamellae and Membranes.
 - III Ferroelectrics.

- Catalysis and Surface Science Secretariat: New Catalytic Materials.
- Colloid Science and Related Topics: General Papers.
- Catalysis and Related Topics: General Papers.

6.84 **Structure, Dynamics and Equilibrium Properties of Colloidal Systems**, organised by NATO-ASI, September 10-23, 1989, Aberystwyth, U.K. Contact: Dr. E. Wyn-Jones, Department of Chemistry, University of Salford, Salford M5 4WT, U.K.

6.85 **Charge Transfer in Polymeric Systems**, September 11-13, 1989, Oxford, U.K. (General Discussion No. 88 of the Faraday Division of the Royal Society of Chemistry.) Contact: Dr. J.F. Gibson, Royal Society of Chemistry, Burlington House, Piccadilly, London W1V 0BN, U.K.

6.86 **The Physical Chemistry of Thin Films**, September 11-13, 1989. Includes Liquid and solid films. Organised by the Briytish Society of chemical Industry and the IUPAC. Contact: Dr. B. Vincent, The University, School of Chemistry, Cantock's Close, Bristol BS8 1TS, U.K.

6.87 **Synthetic Lubricants**, September 12-14, 1989, Sopron, Hungary. Contact: Hungarian Chemical Society, H-1061 Budapest, Anker köz 1, Hungary.

6.88 **40th Meeting of the International Society for Electrochemistry**, September 17-22, 1989, Japan. Contact: Prof. S. Yoshizawa, Hall Takaraike, Sakyo-ku, Kyoto 606, Japan.

6.89 **32e.Hauptversammlung Kolloid Gesellschaft ("Kolloidtagung")**, October 2-6, 1989, Bochum, F.R.G. Main topic: Interfaces. Contact: Prof.dr. G.H. Findenegg, Ruhr Universität, Building NC7/72, Department of Physical Chemistry III, P.O. Box 102148, D-4630 Bochum-1, F.R.G.

6.90 **Regional Meeting of the American Filtration Society: Particle Separation Related to Oil and Gas Products and Environmental Issues**, October 18-19, 1989, Houston, TX, U.S.A. Contact: Dr. F. Tiller, Dept. of Chemical Engineering, Mail Stop 52221, University of Houston, 4800 Calhoun Str., Houston, TX 77004, U.S.A.

6.91 International Symposium on Affinity Chromatography and Biological Recognition, October 29 - November 3, 1989, Israel. Contact: E.A. Bayerand F. Kohen, The Weizmann Institute of Science, Rehovoth 76100, Israel.

6.92 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.

6.93 International Chemical Congress of Pacific Basin Societies 'Pacifichem '89', December 17-22, 1989, Honolulu, Hawaii, U.S.A. There will be 75 to 80 symposia in nine broad topical areas: Agrochemistry, Analytical chemistry, Information transfer, Macromolecular chemistry, Applied chemistry, Bioscience and technology, Inorganic chemistry, Organic chemistry, and Physical chemistry, including catalysis and colloid and surface chemistry. Among other things there will be a symposium 'The Metal Oxide - Aqueous Solution Interface'. Contact: B.R. Hodsdon, 1155-16th Street N.W., Washington - DC 20036, U.S.A.

Preview 1990 and later

6.94 Third Annual Meeting of the American Filtration Society, March 1990, Washington D.C., U.S.A. Contact: Dr. S.H. Chian, University of Pittsburgh, Chem. & Petroleum Engineering Dept., 1249 Benedum Hall, Pittsburgh, Pennsylvania, 15261, U.S.A. or Dr. F. Tiller, Dept. of Chemical Engineering, Mail Stop 52221, University of Houston, 4800 Calhoun Str., Houston, TX 77004, U.S.A.

6.95 199th ACS National Meeting, including Division of Colloid and Surface Chemistry and Division of Polymer Chemistry, April 22-27, 1990, Boston, U.S.A. Contact: Prof.dr. Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle - WA 98195, U.S.A.

Subsymposia:

- Photochemical and Electrochemical Surface Science: Surface Electro-chemistry.
- Tribology (Friction, Lubrication and Wear): Fluorinated Lubricant Materials.

- Surfactants and Association Colloids: Zwitterionic Surfactants.
- Colloid Science and Related Topics. General Papers.
- Catalysis and Related Topics: General Papers.

6.96 XI European Chemistry at Interfaces Conference, April 23-29, 1990, Eisenach, G.D.R. Main theme: Amphiphilic Substances at Interfaces. Contact: Prof. R. Miller, Zentral-institut für Organische Chemie, Akademie für Wissenschaften der D.D.R. Rudower Chaussee 5, Berlin 1199, G.D.R.

6.97 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.

6.98 World Congress Filtration - The Separation Technology of the 21st Century, June 5-8, 1990, Nizza, France, together with an exhibition of products for solid/liquid separation and gas filtration. Organised by the French Filtration Society. Contact: INTERFILT 90, c/o IDEXPO, 21 Avenue de le Division Leclerc, F-94230 Cahan, France.

6.99 1st Conference on Liquid Matter, with sections on Colloids and Rheology, July 7-11, 1990, Lyon, France. Contact: Dr. J.Cl. Leicknam, Laboratoire de Physique Théorique des Liquides, T.16, 5ème étage, Université Pierre et Marie Curie, 75252 Paris, Cedex 05, France.

6.100 41st Meeting of the International Society for Electrochemistry, August 20-25, 1990, Prague, Czechoslovakia. Theme: Electro-analytical Chemistry. Joint with Heyrovsky Centennial Congress on Polarography. Contact: the Congress Secretariat, J. Heyrovsky Institute of Physical Chemistry and Electrochemistry, Czechoslovak Academy of Sciences, Dolejskova 3, CS 182 23 Prague 8, Czechoslovakia.

6.101 200th ACS National Meeting, August 26-31, 1990, Washington, U.S.A. Contact: Prof.dr. Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle - WA 98195, U.S.A.

6.102 Colloid Stability, September 11-13, 1990, Bristol, U.K. (General Discussion No. 90 of the Faraday Division of the Royal Society of Chemistry and 10th Joint Meeting with the Division de Chimie Physique of the Société Française de Chimie, Deutsche Bunsen Gesellschaft and Associazione Italiana di Chimica Fisica). Contact: Dr. R. H. Ottewill, School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, U.K.

6.103 18th International Symposium on Chromatography, September 24-28, 1990, Amsterdam, the Netherlands. Contact: Free University, Department of General and Analytical Chemistry, De Boelelaan 1083, 1081 HV Amsterdam, The Netherlands.

6.104 3rd International Aerosol Conference, September 24-28, 1990, Kyoto, Japan. Contact: Prof. Kanji Takahashi, Institute of Atomic Energy, Kyoto University, Uji, Kyoto 611, Japan.

6.105 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.

6.106 201st ACS National Meeting, April 14-19, 1991, Atlanta, U.S.A. Contact: Prof.dr. Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle - WA 98195, U.S.A.

6.107 65th Colloid and Surface Science Symposium (Division Colloid and Surface Chemistry ACS), June 1991, Norman, Oklahoma, U.S.A. Contact: Dr. J.F. Scamehorn, Chemical Engineering Department, University of Oklahoma, Norman - OK 73019, U.S.A.

6.108 7th International IACIS Conference on Surface and Colloid Chemistry, provisionally end June - beginning July, 1991, France.

6.109 202nd ACS National Meeting and 4th Chemical Congress of North America, August 25 - 30, 1991, New York City, U.S.A. Contact: Prof.dr. Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle - WA 98195, U.S.A.

6.110 42nd Meeting of the International Society for Electro-Chemistry, September 1991, Switzerland. Contact: Dr. O. Dossenbach, Technisches-chemisches Labor, ETH Zentrum, CH-8092 Zurich, Switzerland.

6.111 203rd ACS National Meeting, April 5-10, 1992, San Francisco, U.S.A. Contact: Prof.dr. Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle - WA 98195, U.S.A.

6.112 66th Colloid and Surface Science Symposium (Division of Colloid and Surface Chemistry, American Chemical Society), June 15-18, 1992, Morgantown, West Virginia, U.S.A. Contact: Dr. Duane H. Smith, U.S. Department of Energy, Morgantown Energy Technology Center, Morgantown - WV 26507-0880, U.S.A.

6.113 8th International IACIS Conference on Surface and Colloid Chemistry, 1994, Australia.

6.114 ACS National Meetings.

204th August 23-28, 1992, Washington D.C., U.S.A.

205th April 18-23, 1993, Minneapolis, U.S.A.

206th August 22-27, 1993, Chicago, U.S.A.

207th with 5th Chemical Congress of North America,

April 10-15, 1994, Mexico City, U.S.A.

208th August 21-26, 1994, Washington D.C., U.S.A.

209th April 2-7, 1995, Anaheim, U.S.A.

210th Aug. 27 - Sep. 1, 1995, Chicago, U.S.A.

211th March 24-29, 1996, Salt Lake City, U.S.A.

212th August 25-30, 1996, Boston, U.S.A.

214th September 7-12, 1997, Las Vegas, U.S.A.

7 REGIONAL AND PERSONAL NEWS

7.1 Personal News

Prof. Howard Brenner of the Massachusetts Institute of Technology has received the Kendall Award of the American Chemical Society.

Dr. J.N. Israelachvili, member of council is now appointed as a Fellow of the Royal Society of the United Kingdom.

7.2 Regional News

Europe

In September 1987 the **European Ceramic Society, ECeRS**, was founded by representatives of eight national ceramic societies: Belgium, Federal Republic Germany, France, Italy, The Netherlands, United Kingdom, Spain, Sweden (together about 6000 individual members). Ceramic societies of other European countries will also join the ECeRS. The aims of the federation are: to coordinate scientific and technical meetings both with the European partners and with affiliated societies outside Europe; to promote the image of European scientific activities in the field of ceramics; to further contacts and exchanges both within Europe and with national organizations outside Europe; to offer the individual members of each national society the services and advantages available to members of all other associated societies. Chairman is Prof.dr. R. Metselaar, Centre for Technical Ceramics, Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, The Netherlands. See also this NL 6.63.

Chairman of the **European Colloid and Interface Society (ECIS)** is now Prof. P. Bothorel (Centre de Recherche Paul Pascal, Talence Cedex, France); General Secretary is Dr. Gerd Olofsson, Chemical Center, University of Lund, P.O. Box 124, S-22100 Lund, Sweden.

Federal Republic of Germany

The name of the "**Kolloid-Gesellschaft**" has been changed into: "**Kolloid-Gesellschaft, e.V.**", gegr. 1922". The new council consists of Prof.dr. H. Hoffmann, Department of Physical Chemistry, University of Bayreuth, P.O. Box 3008, 8580 Bayreuth, F.R.G., Prof.dr. G. Lagaly, Institute for Inorganic Chemistry of the Kiel University, 2300 Kiel, F.R.G. and Dr. D. Horn, BASF A.G., 67 Ludwigshafen, F.R.G.

Japan

For 1988-1989 Prof.dr. K. Meguro (Science University of Tokyo) is Chairman of the **Division of Colloid and Surface Chemistry of the Chemical Society of Japan**.

United Kingdom

For 1987-1988 Dr. J.W. Goodwin (Bristol University) is Chairman of the **Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry**; Honorary secretary is Dr. R. Buscall and Honorary Treasurer is Dr. R. Harrop. Membership amounts to 740.

U.S.A.

Division of Colloid and Surface Chemistry of the American Chemical Society: Chairman is Dr. Rai Rajagopalan, Department of Chemical Engineering, University of Houston, Houston - TX 77004, U.S.A. and Secretary is Dr. Mohamed E. Labib, David Sarnoff Research Center, CN 5300, Princeton - NJ 08543-5300, U.S.A.

American Filtration Society

Recently the American Filtration Society was founded. It is dedicated to all aspects of fluid-particle separation and aims as recognizing fluid-particle science and engineering as a professional area.

The A.F.S. hopes to have local sections, local and national meetings, provide educational services, represent the interests of its members and seek funds for research. They plan to publish a journal (Fluid-Particle Separation Journal), starting Nov. 1st, 1988. The AFS had its first national meeting in March 1988. The objective of the society is: development of fluid-particle separation and allied areas as a recognized branch of engineering and science. Executive secretary is Dr. W. Shoemaker, RD 3, Box 184, Snow Hill - MD 21863, U.S.A.

For information contact prof. Frank M. Tiller, M.D. Anderson, Professor of Chem. Eng., University of Houston, Cullen College of Engineering, 4800 Calhoun Rd., Houston TX 77004, U.S.A.

A.F.S. hopes to cooperate with IACIS.

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 in checked to the best of our knowledge.

8.1 New Journals

Journal of Superconductivity, D.U. Gubser and S.A. Wolf, Eds., Plenum, New York, London. Vol. 1 (1988) in 4 issues, \$140.00 (U.S. \$125.00).

Europhysics Letters, N. Kurti, Ed., Les Editions de Physique, 91944 Les Ulis, France, three volumes per year, Sw. Frs. 1150.00.

Journal of Planar Chromatography - Modern TLC, Sz. Nyiredy, Ed., Hüthig Publisher, Heidelberg, London, Mamaroneck (NY, U.S.A.) Vol. 1(1988) four issues, DM 297.50/\$175.00, special introductory price through September 30th, 1988, DM 204.00/\$120.00.

Fluid-Particle Separation Journal, F.M. Tiller, Ed., Vol. 1. In four issues (2 numbers in 1988), The American Filtration Society. See 6.45.

Adhesives Abstracts, developed by Rapra Technology Ltd., Pergamon, Oxford, New York etc., Vol. 1 (1988) in 12 issues, DM 430.00; Vol. 1/2 (1988/1989) DM 817.00.

8.2 Serials

ACS Symposium Series (American Chemical Society, Washington, U.S.A.)

Vol. 360 Inorganic and Organometallic Polymers: Macromolecules Containing Silicon, Phosphorus, and Other Inorganic Elements, M. Zeldin, K.J. Wynne and H.L. Allcock, Eds. (1987) \$119.95.

Vol. 367 Cross-Linked Polymers: Chemistry, Properties and Applications, R.A. Dickie, S.S. Labana and R.S. Bauer, Eds. (1988) \$119.95.

Surfactant-Based Mobility Control for Gas-Flood Enhanced Oil Recovery, D.H. Smith Ed., (1988). Price and volume number not yet available.

Adhesion (Elsevier, Barking, U.K.)

Vol. 10 K.W. Allen, Ed. (1986) £41.00.

Vol. 11 K.W. Allen, Ed. (1987) £38.00.

Vol. 12 K.W. Allen, Ed. (1988) £45.00.

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

Vol. 85 Polymer Physics (1988) DM 108.00.

Vol. 86 Polysiloxane Copolymers/Anionic Polymerization (1988) DM 168.00.

Vol. 87 Conformational Motion and Disorder in Low and High Molecular Mass Crystals, B. Wunderlich, M. Möller, J. Grebowicz and H. Baur (1988) DM 118.00.

Catalysis Today (Elsevier, Amsterdam, New York)

Vol. 2, no's 2/3. Pillared Clays, R. Burch, Ed., (1988) \$86.50/Dfl. 160.00.

Vol. 2, no. 5. New Methods of Catalyst Preparation and Characterization, G.C. Bond and P.A. Sermon, Eds., (1988) \$81.00.

Chemical Industries Series (Dekker, New York-Basel)

Vol. 31 Hydrogen Effects in Catalysis, Z. Paal, P.G. Menon, Eds. (1987) \$174.00 (U.S. and Canada \$145.00).

Chemical Physics of Solid Surfaces and Heterogeneous Catalysis, D.A. King and D.P. Woodruff, Eds. (Elsevier, Amsterdam, New York).

Vol. 1 Clean Solid Surfaces (1981) \$144.00.

Vol. 2 Adsorption at Solid Surfaces (1983) \$144.00.

Vol. 3A Chemisorption Systems, Part A (1988) in preparation.

Vol. 3B Chemisorption Systems, Part B (1984) \$129.25.

Vol. 4 Fundamental Studies of Heterogeneous Catalysis (1982) \$173.25.

Vol. 5 Surface Properties of Electronic Materials (1988) \$208.00.

Coal Science and Technology (Elsevier, New York, U.S.A.)
 Vol. 11 International Conference on Coal Science, J.A. Moulijn, K.A. Nater and H.A.G. Chermin, Eds. (1987) \$250.00.

Developments in Food Proteins

Vol. 5 B.J.F. Hudson, Ed., Elsevier, Amsterdam, New York, \$86.50/£48.00.

Developments in Polymer Characterisation (Elsevier, Barking, U.K.)

Vol. 4 J. V. Dawkins, Ed. (1983) \$73.75/£41.00

Vol. 5 J. V. Dawkins, Ed. (1983) \$86.50/£48.00

Electroresponsive Molecular and Polymeric Systems (Marcel Dekker, Inc. New York, Basel)

Vol. 1 T.A. Skotheim, Ed. (1988) \$119.50 (U.S. and Canada \$99.75).

Materials Research Society Symposia Proceedings (Materials Research Society Pittsburgh - PA, U.S.A.)

Vol. 75 Photon, Beam and Plasma Stimulated Chemical Processes at Surfaces, V.M. Donnelly, I.P. Herman and M. Hirose, Eds. (1987).

Vol. 77 Interfaces, Superlattices and Thin Films, J.D. Dow and I.K. Schuller, Eds. (1987).

Organic Coatings Science and Technology (Marcel Dekker, Inc. New York, U.S.A.)

Vol. 8 G.D. Parfitt and A.V. Patsis, Eds. (1986) \$107.50 (U.S. and Canada \$89.75)

Polymer Science Library (Elsevier, Amsterdam, New York)

Vol. 5 Classical Light Scattering from Polymer Solutions, P. Kratochvil, \$117.00.

Process Technology Proceedings (Elsevier, Amsterdam, New York)

Vol. 7 Interfacial Phenomena in Biotechnology and Materials Processing, Y.A. Attia, B.M. Moudgil and S. Chander, Eds. (1988) \$168.50.

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

Vol. 45 Thermotropic Liquid Crystals, Fundamentals, G. Vertogen and W.H. de Jeu (1987) DM 134.00

Springer Series in Materials Science (Springer, Berlin, F.R.G.)

Vol. 4 Microclusters, S. Sugano, Y. Nishina and S. Ohnishi, Eds. (1987).

Studies in Modern Thermodynamics (Elsevier, Amsterdam, New York)

Vol. 7 Liquid-Liquid Equilibria, J.P. Novak, J. Matous and J. Pick (1987) \$109.75.

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

Vol. 55 Semiconductor Electrodes, H.O. Finklea, Ed. \$165.75.

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

Vol. 30 Catalysis and Automotive Pollution Control, A. Cruick and A. Frennet, Eds. (1987) \$134.25.

Vol. 32 Thin Metal Films and Gas Chemisorption, P. Wissmann, Ed. (1987) \$161.00.

Vol. 33 Synthesis of High-Silica Aluminosilicate Zeolites, P.A. Jacobs and J.A. Martens (1987) \$136.50.

Vol. 34 Catalyst Deactivation 1987, B. Delmon and G.F. Froment, Eds., (1987) \$171.00.

Vol. 37 Innovation in Zeolite materials Science, P.J. Grobet, W.J. Mortier, G. Schulz-Ekloff and E.F. Vansant, Eds. (1988) \$150.00.

Vol. 38 Catalysis '87, Proceedings of the 10th North American Catalysis Society Meeting, J.W. Ward, Ed. (1988) \$168.50.

Vol. 39 Characterization of Porous Solids, K. Unger, J. Rouquerol, K.S.W. Sing and H. Kral, Eds. (1988) \$171.00.

Studies in Statistical Mechanics (Elsevier, Amsterdam, New York)

Vol. 14 J.D. van der Waals: On the continuity of the Gaseous and Liquid States, J.S. Rowlinson, Ed., \$78.00.

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

Vol. 30. Microemulsions and Related Systems: Formulation, Solvency and Physical Properties, M. Bourrel and R.S. Schechter, (1988) \$150.00 (U.S. and Canada \$125.00).

8.3 Books 1986

Enzymic Hydrolysis of Food Proteins, J. Adler-Nissen, Elsevier, Amsterdam, New York, \$102.75/£ 57.00.

Physical and Colloidal Chemistry (textbook), B.V. Akhmetov, Yu. P. Novichenko and V.I. Chapurin, Khimiya, Leningrad, USSR, Rub. 0.85

Study of Adsorption Properties of Natural Zeolites, M.Kh. Annagiev, Elm Baku, USSR, Rub. 0.95.

Semiconductor-Based Heterostructures: Interfacial Structure and Stability, M.L. Green, J.E. Baglin, G.Y. Chin, H. Deckman, W. Mayo and D. Narasimham, Eds., STM Distribution, Ashford, U.K., £56.50.

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

Structure and Deformation of Boundaries, K.N. Subramanian and M.A. Imam, Eds., STM Distribution, Ashford, U.K., £50.50.

Foodborne Microorganisms and Their Toxins, M.D. Pierson, N.J. Stern, Eds., Marcel Dekker Inc., New York, U.S.A., \$71.50 (U.S. and Canada \$59.75).

Ostwald's Classics of Exact Sciences, Vol. 271, Discoveries in Electrochemistry, J.W. Ritter, Geest und Portig, Leipzig, G.D.R.

8.4 Books 1987

Proceedings of the 14th Annual Conference on the Physics and Chemistry of Semiconductor Interfaces, R.S. Bauer, Ed., AIP, New York.

Encyclopedia of Emulsion Technology, Vol. 3: Basic Theory/Measurement/Applications, P. Becher, Ed., Marcel Dekker Inc., New York, U.S.A., \$138.00 (U.S. and Canada \$115.00).

Corrosion des Matériaux à Haute Température, G. Beranger, J.C. Colson and F. Dabosi, Les Ulis, France, FF 600.00.

Introduction to Modern Statistical Mechanics, D. Chandler, Oxford University Press, U.K., £35.00 (hardback), £15.00 (paperback).

Secondary Ion Emission Spectroscopy (SIMS) of Solid Surfaces, V.T. Cherepin, VNU Science Press, Utrecht, the Netherlands.

The Packing of Particles, D.J. Cumberland and R.J. Crawford, Elsevier, Amsterdam, New York, \$63.25.

Preparation of Catalysts IV, Proceedings 4th Int. Symp. Louvain-la-Neuve, 1986, B. Delmon, P. Grange, P. Jacobes and G. Poncelet, Eds., Elsevier, Amsterdam, New York, \$156.00.

Proceedings of the 5th European Winter Liquid Crystal Conference, Pt. A., A.P. Derzhanski, A.G. Petrov and I. Bivas, Eds. Gordon and Breach Science Publ. New York.

Rotational Dynamics of Small and Macromolecules, T. Dorfmueller and R. Pecora, Eds., Springer, Berlin, DM 40.00.

Polymers at Surfaces and Colloid Stability, E. Eisenreigler and P. Pincus, World Scientific Singapore.

Theory of Dielectrics, 2nd Edition, H. Fröhlich, Clarendon Press, U.K., £12.50.

Fundamentals of Thin Layer Chromatography, F. Geiss, Huethig Mamaroneck, New York.

Polymer Characterization by Liquid Chromatography, G. Glöckner, Elsevier, Amsterdam, New York, \$144.00.

Quantum Theory of the Double Layer, J.W. Halley and D. Price, Minnesota, U.S.A.

Recent Advances in Chemistry and Technology of Fats and Oils, R.J. Hamilton and A. Bhati, Eds. Elsevier, Amsterdam, New York, \$54.00/£30.00.

Recent Advances in Anionic Polymerization, T.E. Hogen-Esch and J. Smid, Eds. Elsevier, Amsterdam, New York, \$83.75/£58.00.

Interfacial Properties, J.T. Koberstein, John Wiley, New York, U.S.A.

Principles of Electrochemistry, J. Koryta and J. Dvorak, John Wiley & Sons, Chichester, U.K.

Interfaces under Laser Irradiation, L.D. Laude, D. Baeuerle and M. Wautelet, Eds. Martinus Nijhoff Publ. Dordrecht, the Netherlands.

Applied Heterogeneous Catalysis, J.F. Le Page, Editions Technip, Paris, France, FF 825.00.

Solution of the Site-Site Ornstein-Zernike Equation in the Hypernetted Chain Approximation Near the Vapor Liquid Critical Point, M. Lupkowski and P.A. Monson, Massachusetts, U.S.A.

Polymer Electrolyte Reviews-1, J.R. MacCallum and C.A. Vincent, Eds. Elsevier Applied Science, London, New York, £48.00/\$86.50.

Proceedings of the 2nd Topical Meeting on the Microphysics of Surfaces, Beams and Adsorbates, T.M. Mayer, D.J. Ehrlich and T.J. Chuang, Eds., American Institute of Physics, Woodbury, New York.

Electrophoresis, Analytical Chemistry by Open Learning, M. Melvin, John Wiley & Sons, New York.

Gas Chromatography in Adsorption and Catalysis, T. Paryjczak, John Wiley & Sons, Chichester, England, £42.50/\$81.65.

Electrodeposition Technology, Theory and Practice, L.T. Romankiw and D.R. Turner, Eds. The Electrochemical Society Inc., Pennington, New York.

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9 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!

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