



*International Association of Colloid
and Interface Scientists*

NEWSLETTER NO. 23

DECEMBER 1994

COMPILED BY J. LYKLEMA

**INTERNATIONAL ASSOCIATION OF COLLOID
AND INTERFACE SCIENTISTS**

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December 1994

**1 ABOUT THE NEWSLETTER/FROM YOUR NEWS-
LETTER 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, developments, and personal news from various countries.

So far, I have edited 23 Newsletters. The task is not too heavy and I receive much help from my secretary, Mrs. Wil Kleijne. Moreover, I am happy to add that many people around the world contribute by supplying items for the next NL. Please continue to keep me informed about relevant meetings, books and developments.

As you can infer from the pertaining entry in the conference agenda, I will retire from my professorship by the end of November, 1995. However, with the President it was agreed that, after that, I would continue to act as the Newsletter Secretary, working conditions and health permitting.

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. Hence, please keep me posted, even if the plans are only provisional. As a further

service to our members we shall also give Telephone, Fax, E-mail and other numbers of contact persons as far as they are known to us.

With best wishes from your Newsletter Editor,

Hans Lyklema

2 STATUS OF THE NEWSLETTER, LIABILITY

The first two Newsletters (henceforth abbreviated as NL 1 and NL 2), dated September 1978 and July 1979 respectively, were written under the auspices of the IUPAC Commission on Surface and Colloid Science (Commission I.6) before IACIS was formally established. Starting with NL-3 in June 1980 the Newsletters appear under IACIS auspices.

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, NL-6700 EK Wageningen, The Netherlands, Phone 31 (Netherlands) - 8370 (area code) - 82279 (extension), Fax 31-8370-83777, E-mail fysko@rcl.wau.nl.

3 IACIS NEWS

3.1 A word from the retiring President

Over the past two years the Association has continued its program of international conference sponsorship in Europe and Northern America, culminating in the 8th International Conference on Surface and Colloid Science in Adelaide, South Australia in February of this year. The scientific standing of those meetings continues to develop and the Association continues to play a significant role in fostering the dissemination of data, information, knowledge and perhaps sometimes even a little wisdom, among colloid and surface scientists around the world. That activity is further enhanced by the regular publication of this newsletter, through the good offices of our colleagues in the Netherlands. I offer them my sincere thanks for the manifold ways in which they have helped me in my position as President. My special thanks go to Professor Bert Bijstervosch for carrying the bulk of the load during my term, as he maintained the central secretariat in the Netherlands.

I know that our incoming President, Professor Anne-Marie Cazabat, will also be able to rely on the help of the secretariat over the next two years. I wish her every success, and I feel sure that she will be able to take a more active role in meetings in the Northern Hemisphere than I was able to do during my tenure of the post. I welcome the new blood in the Council and look forward to hearing their contributions to our deliberation. One of our most important tasks will be to lay the groundwork for a successful international conference in Sofia in 1997. Our Bulgarian colleagues are very keen and they have some excellent facilities but it will be a challenge to put together the sort of financial backing which an important international congress needs to make it a success.

Robert Hunter

3.2 From the new President

1994 is now at its end. It is my first - and agreeable - duty as the new President to send each of you my very best New Year greetings. I am very honoured to take over this presidency from Professor Bob Hunter and I am still under the charm of the Australian welcome during the conference in Adelaide. Let us hope that the next conferences will be as nice and friendly!

It is my pleasure to thank Professor Bert Bijsterbosch, who for almost thirteen years, so efficiently acted as Honorary Secretary and Treasurer. Because of his dedication and continuous attention to the business of IACIS he has greatly contributed to the well-being of the Association. I welcome Professor Gerard Fleer, who has taken over this task. This is also an occasion to acknowledge the dedication and cordiality of the secretaries in the Fysko group in Wageningen.

Best wishes for Science and Friendship!

Anne-Marie Cazabat

either, makes us believe that the results have not been significantly influenced by the retarded distribution.

As a result of the elections and the Council decisions in Adelaide, February 1994, the following persons now hold office:

President	Prof.dr. Anne-Marie Cazabat
President-elect	Prof.dr. Krister Holmberg
Immediate Past President	Dr. Robert J. Hunter
Honorary Secretary and Treasurer	Prof.dr. Gerard Fleer
Ordinary Members of Council	Dr. T.D. Blake
	Dr. T. Cosgrove
	Dr. I. Dékány
	Prof.dr. G.H. Findenegg
	Dr. R.G. Laughlin
	Dr. R. Mackay
	Prof.dr. A.W. Neumann
	Prof.dr. D. Platikanov
	Prof.dr. A. Prins
	Prof.dr. A.I. Rusanov
	Dr. R. Sharma
	Prof.dr. S. Usui.

3.3.2 Honorary Secretary and Treasurer

As of September 1, 1994, the new Honorary Secretary and Treasurer is Prof.dr. Gerard Fleer. This means that from now on all correspondence should be addressed to him. There is little difference as compared to the former situation, because his address and fax number are identical to mine. Only phone number (+31-8370-82275) and e-mail address (Fleer@fenk.wau.nl) are different.

Bert Bijsterbosch

3.3 From the Honorary Secretary and Treasurer

3.3.1 Results of elections

Due to an unforeseen and most regrettable misunderstanding with the mailing department of our University, the ballot forms were sent by ordinary mail instead of by air mail. This was brought to our attention by some of our overseas members and we offer our sincere apologies for this mistake.

As a consequence the deadline for submitting the forms was moved from August 1 to September 15. By then nearly as many forms had been received as on former occasions. The fact that no abnormal regional effects were observed

4 IACIS-SPONSORED MEETINGS

4.1 International Conferences 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
 7th Conference, Compiègne, France, 1991
 8th Conference, Adelaide, Australia, 1994
 Future: 9th Conference, Sofia, Bulgaria, 1997
 10th Conference, 2000, under discussion.

4.2 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 sponsored smaller conferences:

- 1) September 1983 Paris (France) Physical Chemistry of Colloids and Interfaces: Biotechnology and Drug Research.
- 2) June 1984 Lund (Sweden) 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 (Poland) IX European Chemistry at Interfaces Conference.
- 5) June - July 1986 Crveni Otok (Yugoslavia) 7th International Summer Conference on the Chemistry of Solid-Liquid Interfaces.
- 6) September 1987 Eindhoven (Netherlands) Polymers in Colloidal Systems: Adsorption, Stability and Flow.

3.3.3

Financial Report September 1993 - September 1994

Balance per Sept. 1, 1993

	in US\$	in Dfl.	in Dfl.
			f 9,734

Receipts

Membership fee (in Dfl.)	f 9,598
Membership fee (in US\$)	f 864
Membership fee (cash)	f 589
Reg. fee XIII ECIC	f 20,952
Interest	<u>f 545</u>
	f 32,548
	f 42,282

Payments

Newsletter	f 1,323
Sponsoring	
(Utah-U.S.A., Sofia-Bulgaria)	f 5,751
List of Members	f 1,861
Mailing, paper	f 1,171
Costs (cheques, creditcards a.o.)	f 696
Salary secretary	f 2,000
Computers	pro mem.
Reg. fee XIII ECIC,	
transferred to Kiev	<u>f 15,435</u>
	f 28,237
Reg. fee XIII ECIC,	
to be paid to Kiev	f 5,652
	f 8,393
	f 42,282

Balance per Sept. 1, 1994

Hungarian Funds	M Forint 125,809	≈	f 1,761
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(M Forint 100 ≈ Dfl. 1.40)

Amounts are rounded.

Number of members	September 1, 1993	439
	September 1, 1994	477

For conversion the rate US\$1.00 = Dfl. 1.80 is used.

- 7) May 1988 San Benedetto (Italy) X European Chemistry at Interfaces Conference.
- 8) June 1989 Åbo/Turku (Finland) EUCHEM Workshop on Adsorption of Surfactants and Macromolecules from Solution, and 10th Scandinavian Symposium on Surface Chemistry.
- 9) June 1990, Toronto (Canada) International Symposium on Contact Angles and Wetting Phenomena.
- 10) November 1990, Moscow (Russia) International Conference on Surface Forces.
- 11) June 1991, Bergen (Norway) 11th Scandinavian Symposium on Surface Chemistry, with international participation.
- 12) June-July 1992, Lund (Sweden) XII European Chemistry at Interfaces Conference.
- 13) August 1992, Moscow (Russia) 10th International Conference on Surface Forces.
- 14) September 1992, London (U.K.), Colloids in the Aquatic Environment.
- 15) May 1993, Louvain-la-Neuve, (Belgium) Bioadhesion II, International Conference on the Fundamental Aspects of Bioadhesion and Flocculation and their Implications in Technological, Ecological and Medical Fields.
- 16) September 1993, Bristol (U.K.) Polymers at Interfaces.
- 17) September 1993, Granada (Spain) Electrokinetic Phenomena '93.
- 18) January 1994, Kona (Hawaii, U.S.A.) Surface Characterization of Adsorption and Interfacial Reactions.
- 19) June 1994, Espoo (Finland) 12th Scandinavian Symposium on Surface Chemistry.
- 20) September 1994, Kiev, (Ukraine) XIIIth European Chemistry at Interfaces Conference.

5 IUPAC NEWS

Commission on Colloid and Surface Chemistry Including Catalysis (I.6)

The document on "Thin Films" has been formally accepted by IUPAC and has now been published in Pure & Applied Chemistry. The final version of the document "Recommendation for the Characterisation for Porous Solids" is now ready for publication and the relevant Subcommittee has been closed.

The Sub-Committee on "Environmental Protection: Colloid, Surface and Catalytic Aspects" is progressing well. Details are contained in Section 3.4.2 in the Lisbon minutes. A very successful symposium was held in Madras, India, titled "International Symposium on Surface and Colloid Science and its Relevance to Soil Pollution" 9-12 March 1994, organised by Prof. Iyer. Relevant papers will be published in a special issue of Colloids and Surfaces. A small symposium on "Air Pollution" was held as an adjunct meeting to the 8th International Conference on Surface and Colloid Science at the University of NSW in February. Its activity was insufficient to be published as a special issue of Colloid and Surfaces and Prof. Makoto Misono was asked to organise an appropriate meeting in Japan in 1995. Prof. Misono has kindly agreed and the meeting will be "The Second International Forum on Environmental Catalysts", papers from which will be published in a special issue of Colloids and Surfaces. Following this Final Meeting, as indicated and agreed at the Lisbon meeting, a short report will be published during 1995, summarising the activities of those meetings, linking into the work of LLTC Environmental and Analytical Chemistry and making specific Recommendations. Publication in Chemistry International seems most appropriate. It was also suggested at the Lisbon meeting that a new project be initiated which would deal with solving real problems within the environment framework.

The Manual of Methods and Procedures for Catalyst Characterisation has been finalised and sent for refereeing. Comments are awaited.

New developments.

- a) *Advanced Materials (B. Delmon)*
It was decided to launch a new project for the 93-95 period, under the leadership of Prof. K. Unger, on the topic of "Nomenclature in Zeolites and Porous Crystalline Solids". Prof. Unger has produced a summary of the objectives for submission to the Division Committee, with the request for a short-term titular member to help with this work (the chairman of the International Zeolite Association would be a strong candidate). I.U.P.A.C. would be sponsoring the next meeting on Zeolites in Germany later this year. A further meeting was planned for Autumn 1994 in S. Korea.
- b) *Environmental Protection - "Analytical and Environmental Technology for Control of Pollution"*: action Dr. L.K. Koopal, together with Prof. I. Dekany and Prof. M. Misono.
- c) Other new points are under consideration.

Composition of the Committee as per 1 December 1994.

<i>Titular Members</i>	
Prof. J. Ralston (1987-1995)	Chairman
Prof. A.-M. Cazabat (1991-1995)	Secretary
Prof. B. Delmon (1989-1997)	
Dr. L.K. Koopal (1994-1997)	
Prof. M. Misono (1991-1995)	
Prof. K.K. Unger (1991-1995).	

Associate Members

Prof. Silvia Ardizzone (1994-1997), Prof. I. Dékány (1991-1995), Dr. N. Furlong (1994-1997), Prof. T. Kunitake (1991-1995), Dr. J.A. Pajares (1991-1995), Prof. G.I. Panov (1989-1997), Dr. J.F. Roth (1994-1997), Prof. B. Vincent (1994-1997).

National representatives

Prof. Lydia E. Cascarini de Torre (1992-1995) Argentina,
Dr. A. da Costa Faro Jr. (1994-1995) Brazil, Prof. S. Chen (1994-1995) Chinese Chemical Society, Dr. Blanka Wichterlová (1991-1995) Czech Republic, Prof. J. Haber (1987-1995) Poland, Prof. Ester F. Barbosa (1991-1995) Portugal, Prof. H. Chon (1989-1995) Republic of Korea, Dr. M.S. Scurrrell (1989-1995) Republic of South Africa, Prof. B. Lindman (1994-1995) Sweden.

Prof. J. Ralston, Chairman
School of Chemical Technology, University of South Australia, The Levels, S.A. 5095, Australia, Phone +61 (8) 302-3066, Fax +61 (8) 349-5805.

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, though under a different number.

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.

NOTE 3. We cannot accept any responsibility for omissions or errors, although of course the information is checked to the best of our knowledge.

6.1 5th SPSJ International Polymer Conference IPC 94, 28 November - 2 December 1994, Osaka, Japan. Contact: T. Takahiko The Society of Polymer Science, Nagaoka Building 2-4-2 Tsukiji, Chuo-ko, Tokyo 104, Japan, Fax +81 (3) 3545-8560.

6.2 Surface Forces and Probe Microscopy, 19 December 1994, London, U.K. Organized by the Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry. Contact: D.C. Clark, Institute of Food Research, Norwich Laboratory, Norwich Research Park, Colney, Norwich, NR4 7UA, U.K., Phone +44 (603) 255-209, Fax +44 (603) 507-723.

6.3 Vibrational Optical Activity: from Fundamentals to Biological Applications, 19-21 December 1994, Glasgow, U.K. General Discussion 99 of the Faraday Division of the Royal Society of Chemistry. Contact: Y.A. Fish, The Royal Society of Chemistry, Burlington House, Piccadilly, London W1V 0BN, U.K., Phone +44 (71) 437-8656, Fax +44 (71) 734-1227.

6.4 CMMF'94: Condensed Matter and Materials Physics, 20-22 December 1994, Warwick, U.K. Contact: B. Gabrys, Department of Physics, Brunel University, Uxbridge, Middlesex, UB8 3PH, U.K., Phone +44 (895) 274000.

1995

6.5 7th International Conference on Magnetic Fluids ICMF-7, 9-14 January 1995, Bhavnagar, 364002, India. Contact: R.V. Mehta, Fax +91 (278) 23398.

6.6 30th Rencontres de Moriond on Short and Long Chains at Interfaces, 21-28 January 1995, Villars-sur-Ollon, Switzerland. Contact: J. Daillant or P. Guenoun, Service de Physique de l'Etat Condensé, Centre d'Etudes de Saclay, F-91191 Gif-sur-Yvette Cedex, France, Fax +33 (1) 6908-8786, E-mail CHAINS@AMOCO.SACLAY.CEA.FR.

6.7 Slow Dynamical Processes in Heterogeneous Soft Matters, 31 January - 10 February 1995, Les Houches, France. Contact: J.P. Cohen-Addad, Laboratoire de Spectrométrie Physique, P.O. Box 87, F-38402 St. Martin d'Hères Cedex, France, Fax +33 7651-4244, E-mail viallat@grenet.fr.

6.8 20th Australian Polymer Symposium, 5-8 February 1995, Adelaide, South Australia. Contact: M. Fisher, SOLA International Holdings Ltd., P.O. Box 244, Morphett Vale, South Australia 5162, Australia, Phone +61 (8) 329-0100, Fax +61 (8) 326-1037.

6.9 4th Annual Fluid/Particle Processing and Separation Conference, 9-11 March 1995, Pittsburgh, Pennsylvania, U.S.A. Contact: S.H. Chiang, Chemical/Petroleum Department, University of Pittsburgh, Pittsburgh, PA 15262, U.S.A., Phone +1 (412) 624-9636, Fax +1 (412) 624-1480.

6.10 Aachener Membran Kolloquium, 14-16 March 1995, Aachen, Germany. Contact: GVC.VDI-Gesellschaft Verfahrenstechnik und Chemieingenieurwesen, P.O. Box 101 139, D-40002 Düsseldorf, Germany, Phone +49 (211) 621-4257, Fax +49 (211) 621-4162.

6.11 26th C.E.D. (Comité Español de la Detergencia) Meeting on Surfactants, 22-24 March 1995, Barcelona, Spain. Contact: C.E.D., General Secretary's Office, Jordi Girona 18-26, S-08034 Barcelona, Spain, Phone +34 (3) 204-0212/0600, Fax +34 (3) 280-5300/5904.

6.12 Transport in Porous Media, 30 March 1995, London, U.K. Contact: J.D.F. Ramsay, Laboratoire des Matériaux et Procédés Membranaires, Place E. Bataillon, F-34095 Montpellier Cédex 5, France, Phone +33 6714-3323, Fax +33 6714-3885.

6.13 Concentrated Dispersions, 29-31 March 1995, Bristol, U.K. Organized by the Colloid and Interface Science Group of the Faraday Division of the Royal Society of Chemistry. Contact: A. Lips, Unilever Research, Colworth Laboratory, Colworth House, Sharnbrook, Bedford MK44 1LQ, U.K., Phone +44 (234) 222-002, Fax +44 (234) 222-401.

6.14 26th International Conference on Vacuum Microbalance Techniques, Spring 1995, Marrakech, Morocco. Contact: M. Ben Channaa, Département Chimie, Université Caddi Ayyad, P.O. Box S 15, MA-Marrakech, Morocco.

6.15 209th ACS National Meeting, 2-7 April 1995, Anaheim, California, U.S.A. Contact: Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle, WA 98195, U.S.A., Phone +1 (206) 543-2250. The symposia include:

Division of Colloid and Surface Chemistry:

- Surfactants and Associated Colloids: Symposium Honoring Stig E. Friberg.
- Surface Science of Catalysis.
- New Concepts in Surface Science.
- Molecular Tribology.
- Molecular Processes at Solid Surfaces: The Surface Chemical Bond.
- Surface and Colloid Chemistry of Advanced Materials: Chemical Sensors and Interfaces.
- Colloidal Particles: Surface Modification and Stability (April 1-6).
- Colloid Science and Related Topics: General Papers/Poster Session.

Division of Environmental Chemistry:

- Colloidal and Interfacial Phenomena in Aquatic Environments.

Division of Polymer Chemistry:

- New Polymeric Reactions and Reaction Mechanism.
- Agricultural Applications of Biotechnology.
- General Papers.

6.16 International Conference on Multi-Phase Materials prepared by Emulsion Polymerization, 4-7 April 1995, Lancaster, U.K. Contact: D. Hourston, IPTME, Loughborough University, Loughborough, Leicestershire,

LE11 3TU, U.K., or P.A. Lovell, Manchester Materials Science Centre, University of Manchester and UMIST, Grosvenor Street, Manchester M1 7HS, U.K., Phone +44 (61) 200-3568, Fax +44 (61) 200-3586.

6.17 14th Experimental Thermodynamics Conference: Thermodynamics and Statistical Mechanics, 5-7 April 1995, Reading, U.K. Contact: T.M. Hardman, Department of Chemistry, University of Reading, Reading, RG6 2AD, U.K., Phone/Fax +44 (734) 318-455.

6.18 Monomolekulare Schichten und Membranen, 1. Wolfgang-Ostwald-Kolloquium der Kolloid-Gesellschaft aus Anlaß der Emeritierung von Prof.dr. K.D. Heckmann, 6 April 1995, Regensburg, Germany. Contact: J. Strnad, Institut für Physikalische und Makromolekulare Chemie, Universität Regensburg, D-93040 Regensburg, Germany, Phone +49 (941) 943-4008, Fax +49 (941) 943-4491, E-mail jiri.strnad@chemie.uni-regensburg.de.

6.19 Atmospheric Chemistry: Measurements, Mechanisms and Models, 19-21 April 1995, Norwich, U.K. General Discussion 100 of the Faraday Division of the Royal Society of Chemistry. Contact: Y.A. Fish, The Royal Society of Chemistry, Burlington House, Piccadilly, London W1V 0BN, U.K., Phone +44 (71) 437-8656, Fax +44 (71) 734-1227.

6.20 International Symposium on Macromolecular Architecture, 20-21 April 1995, Stockholm, Sweden. Contact: S. Karlsson, Department of Polymer Technology, The Royal Institute of Technology, S-100 44 Stockholm, Sweden, Phone +46 (8) 790-8581, Fax +46 (8) 100-775, E-mail magruder@polymer.kth.se.

6.21 Annual Meeting American Filtration and Separation Society, 24-26 April 1995, Nashville, Tennessee, U.S.A. Contact: F. Tiller, University of Houston, Cullen College of Engineering, Department of

Chemical Engineering, Houston, TX 77204-4792, U.S.A., Phone +1 (713) 743-4300, Fax +1 (713) 743-4323.

6.22 **Bubble and Drop '95 Workshop**, 7-12 May 1995, Empoli (Florence), Italy. Contact: N. Degli Innocenti and A. Stortini, University of Florence, Department of Organic Chemistry, Via G. Capponi 9, I-50121 Firenze, Phone +39 (55) 275-7646, Fax +39 (55) 247-6964, E-mail nicol@chimorg.unifi.it or miller@m.pikg.fta-berlin.de.

6.23 **3rd International Symposium on Electrochemical Impedance Spectroscopy**, 7-15 May 1995, Ysermonde, Nieuwpoort, Belgium. Contact: J. Vereecken, Vrije Universiteit Brussel, Department META, Pleinlaan 2, B-1050 Brussels, Belgium, Phone +32 (2) 641-3254, Fax +32 (2) 641-3200, E-mail hterryn@vnet3.vub.ac.be.

6.24 **9th Rolduc Polymer Meeting: Internationals Discussion Meeting on Smart Polymer Materials and Products**, 8-11 May 1995, Kerkrade, The Netherlands. Contact: M. de Groot, P.O. Box 5551, NL-6202 XA Maastricht, The Netherlands.

6.25 **5th International Conference on Fundamentals of Adsorption**, 13-18 May 1995, Pacific Grove, California, U.S.A. Contact: M. Douglas LeVan, Department of Chemical Engineering, Thornton Hall, University of Virginia, Charlottesville, VA 22903-2442, U.S.A., Phone +1 (804) 924-6279, Fax +1 (804) 982-2658, E-mail mdl@virginia.edu.

6.26 **'95 Asian Conference on Electrochemistry**, 29-31 May 1995, Suita, Osaka, Japan. Contact: H. Yoneyama, Department of Applied Chemistry, Faculty of Engineering, Osaka University, Yamada-oka 2-1, Suita, Osaka 565, Japan, Phone +81 (6) 877-5111 ext. 4301, Fax +81 (6) 877-6802.

6.27 **Journées d'Electrochimie 95**, 29 May - 1 June 1995, Strasbourg, France. Contact: Secrétariat des Journées d'Electrochimie 95, Laboratoire d'Electrochimie et

de Chimie-Physique du Corps Solide, Université Louis Pasteur, 4 rue Blaise Pascal, P.O. Box 296, F-67008 Strasbourg, France, Phone +33 8841-6039/6057, Fax +33 8861-1553, E-mail chartier@chimie.u-strasbg.fr, telex ULP 870 260 F.

6.28 **32nd Annual Meeting of the Clay Minerals Society**, 4-8 June 1995, Baltimore, Maryland, U.S.A. Contact: P.J. Eberl, The Clay Minerals Society, P.O. Box 4416, Boulder, CO 80306, U.S.A., Phone +1 (303) 444-6405, Fax +1 (303) 444-2260.

6.29 **6th Symposium on Particle Size Analysis, Environmental and Powder Technology PORANAL'95**, 5-7 June 1995, Győr, Hungary. Contact: MATE Secretariat, Kossuth L. tér 6-8, H-1055 Budapest, Hungary.

6.30 **69th Colloid and Surface Science Symposium ACS**, 11-14 June 1995, Salt Lake City, Utah, U.S.A. List of symposia:

- Symposium in Honor of Sydney Ross.
- Colloidal Dispersions.
- Micellar Systems.
- Controlled Colloid Synthesis.
- Electrochemistry of Organized Monolayers.
- Colloids in Gene, Drug, and Antigen Delivery.
- Catalysis and Solid State Gas Sensors.
- Modeling of Interfacial Phenomena.
- Scanning Probe Microscopy and Surface Spectroscopy.
- Wetting and Interfacial Phenomena.
- Biopolymers and Cells at Interfaces.
- Instrumentation in Colloid and Surface Analysis.
- General Papers.

Names and addresses of the session organizers are available from the co-chairmen
J.D. Andrade, Department of Bioengineering, 2268 Merrill Engineering Building, University of Utah, Salt Lake City, UT 84112, U.S.A., Phone +1 (801) 581-4379, Fax +1 (801) 585-5151, E-mail joe.andrade@m.cc.utah.edu,

or K.D. Caldwell, Department of Bioengineering, 2260 Merrill Engineering Building, University of Utah, Salt Lake City, UT 84112, U.S.A., Phone +1 (801) 581-5455, Fax +1 (801) 585-5151, E-mail karin.caldwell@m.cc.utah.edu, or T.A. Ring, Department of Chemical & Fuels Engineering, 3290 Merrill Engineering Building, University of Utah, Salt Lake City, UT 84112, U.S.A., Phone +1 (801) 585-5705, Fax +1 (801) 585-5151, E-mail terry.ring@mse.utah.edu.

6.31 19th Summer School on Crystal Growth, 11-16 June 1995, Arnhem, The Netherlands. Contact: J.P. van der Eerden, Utrecht University, P.O. Box 80 050, NL-3508 TB Utrecht, Phone +31 (30) 533-601, Fax +31 (30) 533-946.

6.32 Echem-Conference on Surface Forces in Science and Technology, 15-17 June 1995, Stockholm, Sweden. Contact: The Swedish National Committee for Chemistry, Wallingatan 24 3tr, S-111 24 Stockholm, Sweden, Phone +46 (8) 115-280, Fax +46 (8) 106-678.

6.33 11th International Conference on Crystal Growth, 18-23 June 1995, The Hague, The Netherlands. Contact: ICCG XI, Congrex Holland B.V., Keizersgracht 782, NL-1017 EC Amsterdam, The Netherlands, Phone +31 (20) 626-1372, Fax +31 (20) 625-9574.

6.34 Amphiphile Moleküle, mizellare Strukturen und Mesophasen, 2. Wolfgang-Ostwald-Kolloquium der Kolloid-Gesellschaft aus Anlaß des 60. Geburtstages von Prof.dr. H. Hoffmann, 23-24 Juni 1995, Bayreuth oder Schloß Banz, Germany. Contact: G. Platz or W. Ulbricht, Universität Bayreuth, Lehrstuhl für Physikalische Chemie I, Universitätsstraße 30, D-95447 Bayreuth, Phone +49 (921) 552-761, Fax +49 (921) 552-780.

6.35 International Conference on Advanced Polymers via Macromolecular Engineering APME'95, 24-28 June 1995, Hudson Valley, Dutchess County, New York, U.S.A.

Contact: B. Sar, 1167 Route 52, Suite 215, Fishkill, NY 12533, U.S.A., Fax +1 (914) 227-5654.

6.36 International Symposium on the Metallization of Polymers, 25-29 June 1995, Montréal, Québec, Canada. Contact: E. Sacher, Department of Engineering Physics, Ecole Polytechnique de Montréal, P.O. Box 6079, Station Centre-Ville, Montréal, Québec, Canada H3C 3A7.

6.37 International Symposium on the Structure, Interaction, and Dynamics in Systems Containing Associating Polymers, 25-30 June 1995, Loen, Norway. Contact: Team Congress ANS, P.O. Box 94, N-6771 Nordfjordeid, Norway, Phone +47 5786-0645, Fax +47 5786-1102.

6.38 54th International Meeting of Physical Chemistry: Fast Elementary Processes in Chemical and Biological Systems, 26-30 June 1995, Lille, France. Contact: Division de Chimie Physique/Ultrafast, Laboratoire de Chimie Physique, 11 rue Pierre et Marie Curie, F-75005 Paris, Phone +33 (1) 4427-6270, Fax +33 (1) 4427-6226.

6.39 Electrical Properties and Polymer Morphology, 2-4 July 1995, Warsaw, Poland. Contact: W. Heitz, Fachbereich Physikalische Chemie der Philipps-Universität, Institut für Polymere, Hans-Meerwein-Straße, D-3550 Marburg, Germany, Phone +49 (6421) 285-776, Fax +49 (6421) 285-785.

6.40 Gordon Research Conference on Polymer Colloids, 2-7 July 1995, Tilton, New Hampshire, U.S.A. Contact: T.G.M. van de Ven, McGill Pulp and Paper Research Centre, 3420 University Street, Montréal, Québec, Canada H3A 2A7, Phone +1 (514) 398-6180, Fax +1 (514) 398-6256.

6.41 International IUPAC Symposium on Polymer Morphology and Electrical Properties, 5-7 July 1995, Lodz, Poland. Contact: M. Kryszewski, Centre of Molecular

and Macromolecular Studies, Polish Academy of Sciences, Stenklewicz 112, 90-363 Lodz, Poland, Phone +48 (42) 818-952, Fax +48 (42) 847-126, Telex 886742 pan pl, E-mail julanski@lodzl.p.lodz.pl.

6.42 **36th Microsymposium on Macromolecules - High Swelling Gels**, 10-14 July 1995, Prague, Czech Republic. Contact: W. Heitz, Fachbereich Physikalisches Chemie der Philipps-Universität, Institut für Polymere, Hans-Meerwein-Straße, D-3550 Marburg, Germany, Phone +49 (6421) 285-776, Fax +49 (6421) 285-785.

6.43 **3rd UK Colloid and Surface Science Student Meeting (SCI)**, 16-19 July 1995, Hull, U.K. Contact: B.P. Binks, School of Chemistry, University of Hull, Hull HU6 7RX, U.K., Phone +44 (482) 465-450, Fax +44 (482) 466-410, E-mail BPBinks@chem.hull.ac.uk.

6.44 **38th IUPAC General Assembly**, 4-11 August 1995, Guildford, Surrey, U.K. At this occasion there will be meetings of Commission 1.6 (on Surface and Colloid Science, including Catalysis) and of the Macromolecular Division. Contact: IUPAC Secretariat, Bank Court Chambers, 2-3 Pound Way, Templars Square, Cowley, Oxford OX4 3YF, U.K., Phone +44 (865) 747-744, Fax +44 (865) 747-510, Telex 83147 VIA OR G, attn. IUPAC, Telegrams: IUPAC OXFORD.

6.45 **35th IUPAC Congress**, 14-19 August 1995, Istanbul, Turkey. Contact: A.R. Berkem, Halaskargazi Cad. No.53, D.8, 80230 Harbiye, Istanbul, Turkey, Phone +90 (212) 240-7331, Fax +90 (212) 231-7037.

6.46 **210th ACS National Meeting**, 20-25 August 1995, Chicago, Illinois, U.S.A. Contact: Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle, WA 98195, U.S.A., Phone +1 (206) 543-2250. The symposia include:

Division of Colloid and Surface Chemistry:

- Electrochemical Surface Science: Electrochemical Material Science.
- Colloid Particles: New Approaches in Particle Characterization.
- Catalysis: Catalysis and Photocatalysis on Metal Oxides.
- Surfactants and Association Colloids: Interfacial Structure.
- Colloid Science and Related Topics: General Papers/Poster Session.

6.47 **International Discussion Meeting on Microemulsions**, 4-6 September 1995, Göttingen, Germany. Contact: M. Kahlweit, P.O. Box 2841, D-37018, Göttingen, Germany.

6.48 **1st International Symposium on Ionic Polymerization**, 4-8 September 1995, Istanbul, Turkey. Contact: Y. Yagci, Istanbul Technical University, Faculty of Science, Department of Chemistry, Maslak 80626, Istanbul, Turkey.

6.49 **2nd International Symposium on Surface Heterogeneity Effects in Adsorption and Catalysis on Solids**, 4-10 September 1995, Zakopane, Poland and Levoca, Slovakia. Contact: W. Rudzinski, Department of Theoretical Chemistry, Faculty of Chemistry, MCS University, 20 031 Lublin, Poland, Phone +48 (81) 375-633, Fax +48 (81) 33-669, E-mail THEOR1@PLUMCS11.UMCS.LUBLIN.PL.

6.50 **Gels**, 5-8 September 1995, Paris, France. General Discussion 101 of the Faraday Division of the Royal Society of Chemistry. Contact: Y.A. Fish, The Royal Society of Chemistry, Burlington House, Piccadilly, London W1V 0BN, U.K., Phone +44 (71) 437-8656, Fax +44 (71) 734-1227.

6.51 **Polymer Physics Group Biennial Meeting**, 6-8 September 1995, Leeds, U.K. Contact: G.R. Davies, Department of Physics, University of Leeds, Leeds, U.K.

6.52 **12th European Conference on Biomaterials**, 10-13 September 1995, Porto, Portugal. Contact: INEB Instituto de Engenharia Biomédica, Praça Coronel Pacheco 1, 4000 Porto, Portugal, Phone +351 (2) 208-7131, Fax +351 (2) 208-7310, E-mail 12ESB@garfield.fe.up.pt.

6.53 **Filtration of Paints and Coatings**, 11-13 September 1995, Detroit, Michigan, U.S.A. Contact: American Filtration and Separation Society, P.O. Box 1530, Northport, AL 35476, U.S.A., Phone +1 (205) 333-6111, Fax +1 (205) 333-6446.

6.54 **International Conference on Fillers and Filled Polymers Euro-Fillers '95**, 11-15 September 1995, Mulhouse, France. Contact: H. Balard or E. Papirer, CRPCSS-CNRS, 24 av. Pdt. Kennedy, F-68200 Mulhouse, France, Phone +33 8942-0155, Fax +33 8932-0996.

6.55 **7th International Conference on Organized Molecular Films**, 11-16 September 1995, Numana (Ancona), Italy. Contact: M.G. Ponzl Bossi, Istituto di Scienze Fisiche, Facoltà di Medicina e Chirurgia, Università degli Studi di Ancona, Via Ranieri 65, I-60131 Ancona, Italy, Phone +39 (71) 220-4606, Fax +39 (71) 220-4605, E-mail FISMED@ANFISI.CINECA.IT.

6.56 **9th European Colloid and Interface Society (ECIS) Conference**, 17-22 September 1995, Barcelona, Spain. Contact: C. Solans, Dpt. Tecnologia de Tensioactius, Centro de Investigación y Desarrollo (CID), CSIC, Jordi Girona 18-26, S-08034 Barcelona, Spain, Phone +34 (3) 204-0600/203-7166, Fax +34 (3) 204-5904, E-mail ecis95@cid.csic.es.

6.57 **1st International Symposium on Polyelectrolytes and International Bunsen-Discussion-Meeting**, 18-22 September 1995, Potsdam, Germany. Contact: A. Pape,

Max Planck Institute for Colloid and Interface Research, Kantstraße 55, D-14513 Teltow, Germany, Fax +49 (332) 846-204.

6.58 **13th International Vacuum Congress and 9th International Conference on Solid Surfaces**, 25-29 September 1995, Yokohama, Japan. Contact: International Communication Specialists Inc., 2F Kasho Building, 2-14-9, Nihonbashi, Chiyu-ku, Tokyo 103, Japan, Phone +81 (3) 3272-8013, Fax +81 (3) 3273-2445.

6.59 **Europhysics Conference on Gels**, 25-29 September 1995, Balatonszéplak, Hungary. Contact: M. Zrinyi, Technical University of Budapest, Department of Physical Chemistry, H-1521 Budapest, Hungary, Phone/Fax +36 (1) 181-2173, E-mail eugel@ch.bme.hu.

6.60 **37. Hauptversammlung der Kolloid-Gesellschaft: Grenzflächen, Tenside und Kolloide in der Technik**, 26-29 September 1995, Dresden, Germany. Contact: K. Wustrack, Institut für Polymerforschung Dresden e.V., P.O. Box 120 411, D-01005 Dresden, Germany, Phone +49 (351) 46580, Fax +49 (351) 465-8284.

6.61 **Intersocietal Polymer Conference**, 7-10 October 1995, Baltimore, Maryland, U.S.A. Contact: D. Morill, Division of Polymer Chemistry, 1103 Hahn Hall, Virginia Polytechnic Institute, Blacksburg, VA 24061-0212, U.S.A., Fax +1 (703) 231-8517.

6.62 **1st International Congress on Adhesion Science and Technology, in honor of Dr. Kash Mittal on his 50th Birthday**, 16-20 October 1995, Amsterdam, The Netherlands. Contact: ICAST'95, P.O. Box 346, NL-3700 AH Zeist, The Netherlands, Fax +31 (3404) 32081, E-mail 100341.2372@compuserve.com.

6.63 **6th International IUPAC Symposium on Macromolecule-Metal Complexes MMC-VI**, 22-26 November 1995, Guangzhou, China. Contact: Y.Y. Jiang, Institute of Chemistry, Academia Sinica, Zhongguancun, Beijing,

100080, China, Phone +86 (1) 225-9368, Fax +86 (1) 256-6099.

6.64 **Fundamentals of Colloid and Interface Science, an international symposium at the occasion of the retirement of Hans Lyklema**, 26-29 November 1995, Wageningen, The Netherlands. Contact: B.H. Bijsterbosch or W. Norde or M.A. Cohen Stuart, Department of Physical and Colloid Chemistry, Wageningen Agricultural University, P.O. Box 8038, NL-6700 EK Wageningen, The Netherlands, Phone +31 (8370) 83540/2279, Fax +31 (8370) 83777, E-mail Willem @FenK.WAU.NL.

6.65 **4th Pacific Polymer Conference**, 12-16 December 1995, Kauai, Hawaii. Contact: R. Ottenbrite, Department of Polymer Chemistry, Virginia Commonwealth University, Richmond, VA 23284, U.S.A., Fax +1 (804) 367-8588.

6.66 **International Chemical Congress of Pacific Basin Societies**, 17-22 December 1995, Honolulu, Hawaii, U.S.A. Contact: C.P. Pruitt, American Chemical Society Meetings, 1155-16th St., N.W., Washington, DC 20036, U.S.A., Phone +1 (202) 872-4397, Fax +1 (202) 872-6128.

Preview 1996 and later

6.67 **Hydration Processes in Macromolecules**, 1996. General Discussion 103 of the Faraday Division of the Royal Society of Chemistry. Contact: Y.A. Fish, The Royal Society of Chemistry, Burlington House, Piccadilly, London W1V 0BN, U.K., Phone +44 (71) 437-8656, Fax +44 (71) 734-1227.

6.68 **13th International Symposium on Bioelectrochemistry and Bioenergetics**, 7-12 January 1996, Ein-Gedi (On the Dead Sea), Israel. Organized by the Bioelectrochemical Society. Contact: I.R. Miller or S.R. Caplan, Department of Membrane Research and

Biophysics, The Weizmann Institute of Science, 6100 Rehovot, Israel, Fax +972 (8) 344-112.

6.69 **European Research Conference on Wetting and Capillarity**, 22-27 March 1996, Crete, Greece. Organized by the European Science Foundation. Contact: A.M. Cazabat, Collège de France, Physique de la Matière Condensée, 11 Place Marcelin Berthelot, F-75231 Paris Cedex 05, France, Phone +33 (1) 4427-1081, Fax +33 (1) 4427-1082, or S. Dietrich, Fachbereich Physik, Universität Wuppertal GHS, D-42119 Wuppertal, Germany, Phone +49 (202) 439-2744, Fax +49 (202) 439-2811.

6.70 **211th ACS National Meeting**, 24-29 March 1996, New Orleans, Louisiana, U.S.A. Contact: Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle, WA 98195, U.S.A., Phone +1 (206) 543-2250. The symposia include:

Division of Colloid and Surface Chemistry:

- Surface Science of Catalysis.
- Molecular Processes at Solid Surfaces.
- Surfactants and Association Colloids: Biomimetic Approaches to Electro-Chemical Generation of Advanced Materials.
- New Concepts in Surface Science.

6.71 **Smart Colloids**, one and a half day in April 1996, Bristol, U.K. Organized by the Royal Society of Chemistry. Contact: I.D. Robb, The North East Wales Institute, Deeside, Kelsterton Road, Connah's Quay, Clwyd CH5 4BR, U.K., Phone +44 (244) 831-531, Fax +44 (244) 814-305.

6.72 **11th International Symposium on Surfactants in Solution: Synergism and Mixtures**, 2-6 June 1996, Jerusalem, Israel. Contact: Dan Knassim Ltd., P.O. Box 57005, Tel-Aviv 61570, Israel, Phone +972 (3) 562-6470, Fax +972 (3) 561-2303.

6.73 **4th World Surfactant Congress**, 3-7 June 1996, Barcelona, Spain. Contact: Comité Español de la Detergencia, Jordi Girona 18-26, S-08034 Barcelona, Spain, Phone +34 (3) 204-0600, Fax +34 (3) 204-5904.

6.74 **Precipitation**, 1-12 June 1996, Brunel, U.K. Contact: I.D. Robb, The North East Wales Institute, Deeside, Kelsterton Road, Connah's Quay, Clwyd CH5 4BR, U.K., Phone +44 (244) 831-531, Fax +44 (244) 814-305.

6.75 **70th Colloid and Surface Science Symposium ACS**, 16-19 June 1996, Potsdam, New York, U.S.A. Contact: S.E. Friberg, R.A. Mackay or E. Matijevic, Center for Advanced Materials Processing, Clarkson University, Potsdam, NY 13699-5814, U.S.A., Fax +1 (315) 268-7990.

6.76 **37th Microsymposium on Macromolecules (Bio)degradable Polymers: Chemical, Biological and Environmental Aspects**, 15-18 July 1996, Prague, Czech Republic. Contact: B. Valtér, Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Heyrovského nám 2, 162 06 Prague c-Petriny, Czech Republic.

6.77 **36th International Symposium on Macromolecules**, 4-9 August 1996, Seoul, Republic of Korea. Contact: U.Y. Kim, Korea Institute of Science and Technology, P.O. Box 131, Cheongryang, Seoul 130-650, Republic of Korea, Phone +82 (2) 957-6104, Fax +82 (2) 957-6105.

6.78 **212th ACS National Meeting**, 25-30 August 1996, Boston, Massachusetts, U.S.A. Contact: Th.A. Horbett, Chemical Engineering Department, University of Washington, Seattle, WA 98195, U.S.A., Phone +1 (206) 543-2250. The symposia include:

Division of Colloid and Surface Chemistry:
- Electrochemical Surface Science.

- Chemical Physics of Colloidal Phenomena: Self-Assembly in Solution.
- Colloidal Particles: Colloid-Polymer Interactions.
- Fundamentals of Colloid and Surface Chemistry: General Papers/Poster Session.

6.79 **36th IUPAC International Symposium on Macromolecules, Macro 96**, August - September 1996, Seoul, South Korea, Contact: Dr. Ahn, c/o ACS Macromolecular Division, 1155 Sixteenth Street, N.W., Washington, DC 20036, U.S.A.

6.80 **10th European Colloid and Interface Society (ECIS) Conference**, 1996, probably early September, Åbo, Turku, Finland. Contact: J.B. Rosenholm, Department of Physical Chemistry, Porthansgatan 3-5, SF-20500 Finland, Phone +358 (21) 654-254, Fax +358 (21) 654-706.

6.81 **14th European Chemistry at Interfaces Conference**, 1996, probably September, Fiesch, Switzerland. Contact: H.-F. Eicke, Universität Basel, Physikalisch-Chemisches Institut, Klingelbergstraße 80, 4056 Basel, Switzerland.

6.82 **Water Soluble Polymers**, September 1996. Organized by The North East Wales Institute. Contact: I.D. Robb, The North East Wales Institute, Deeside, Kelsterton Road, Connah's Quay, Clwyd CH5 4BR, U.K., Phone +44 (244) 831-531, Fax +44 (244) 814-305.

6.83 **XI International Conference on Surface Forces, devoted to the memory of B.V. Derjaguin**, November 1996, Moscow, Russia. Contact: N.V. Churaev, Academy of Sciences, Institute of Physical Chemistry, Leninskii Prospekt 31, Moscow 117 915, Russia, Phone +7 (095) 230-2332, Fax +7 (095) 234-0014-628, Telex RESUM SU 411-029.

6.84 9th International IACIS Conference on Colloid and Interface Science, 1st or 2nd week of July 1997, Sofia, Bulgaria. IACIS members will be allowed a discount on the conference fee. Contact: D. Platikanov or D. Exerowa, University of Sofia, Department of Physical Chemistry, Blvd. James Bouchier 1, BG-1126 Sofia, Bulgaria, Phone (2) 62 561, Fax (2) 622-808.

6.85 37th International Symposium on Macromolecules MACRO'98, 13-17 July 1998, Gold Coast Queensland, Australia. Contact: MACRO'98 AUSTRALIA, Chemistry Department, The University of Queensland, Brisbane, Qld. 4072, Australia, Fax +61 (7) 365-3628.

6.86 ACS National Meetings

213th	6-11 April 1997, San Antonio, Texas
214th	7-12 September 1997, Las Vegas, Nevada
215th	29 March - 3 April 1998, St. Louis, Missouri
216th	23-28 August 1998, Orlando, Florida
217th	21-26 March 1999, Anaheim, California
218th	22-27 August 1999, New Orleans, Louisiana
219th	26-31 March 2000, Las Vegas, Nevada
220th	20-25 August 2000, Washington DC
221st	1-6 April 2001, San Francisco, California
222nd	19-24 August 2001, Chicago, Illinois.

7 REGIONAL AND PERSONAL NEWS

Obituary

Krister Fontell (1921-1994)

Krister Fontell died on May 6th after a brief illness. Sweden mourns and the world of surface chemistry diminished by his passing. While he retired formally eight years ago, the Chemical Center in Lund gave him haven and he remained in the full flight of active research until the last days of April. Those activities embraced a myriad of collaborations throughout the world. As late as February this year he participated in the Eight International Conference on Surface and Colloid Science in Adelaide, and returned from Australia invigorated with many new ideas. He was to have taken up a guest professorship at the University of Rome and we can be grateful that he had just completed a major review article on surfactants with his friend and colleague Kozo Shinoda of Yokohama National University, Japan.

Krister Fontell completed his undergraduate studies at Åbo Akademi, Turku, Finland just after World War II, during which he spent three years at the front. He continued at the same university with research studies under the supervision of Professor Per Ekwall. Together with Leo Mandell they pioneered investigations of association colloids in Scandinavia and they set the stage for the development of the entire field. Fontell joined Ekwall when he moved to Stockholm to set up the Laboratory for Surface Chemistry, presently Institutet för Ytfastrukturforskning. There Fontell was instrumental in building up the experimental program of the Institute. In 1973 Krister moved to the Chemical Center at Lund where he actively contributed to the development of the Departments of Physical Chemistry and Food Technology.

The question of what constitutes lasting scientific contributions is a matter for history to judge. Yet over the

long period of his career, Krister's work has increasingly loomed larger and larger in value. Those sustained contributions were in the field of surface active substances where he emphasised and showed the importance of phase equilibria. In particular his pioneering studies (with those of Luzzatti and Larsson) on cubic liquid crystals and their consequences can now be seen to have enormous ramifications in membrane biology.

Krister had all those good characteristics of the dedicated scientist to which our generation too often pay lip service only. He appreciated the vital importance of systematic long term studies. Published results had to be correct, and if correctness required ten more years of work, then so it be. He was a gentleman in all the best senses of that oldfashioned word, undervalued himself to a fault, and was always willing to share his knowledge and experience with anyone, be it a young graduate student or a distinguished University professor. That openness will be apparent, as his published papers include more than sixty colleagues world wide as coauthors.

In family life Krister was as gentle as in science, and we extend our sympathies to his wife Maj-Lis, also a chemist, his chief supporter, and to his daughters Christina and Ylva.

It was a privilege to learn from and work with such a man. The gap will not easily be filled.

Björn Lindman Håkan Wennerström Barry Ninham

7.2 Professor Deryagin died last summer at the age of 92. With him we lost one of the founding fathers of colloid science. Of the tetrad DLVO now only the O survives. We already commemorated Prof. Deryagin at the occasion of his 90th birthday, see NL 21; an obituary by Profs. Churaev and Vinogradova can be found in *Journal of Colloid and Interface Science* 168 (1994) 273.

7.3 In 1995 there will be the 100th anniversary of the birth of the late **Professor Aladar Buzágh**. Professor Buzágh founded, in 1943, the Department of Colloid Chemistry and Colloid Technology at Eötvös University, Budapest, Hungary, and was the first Professor of this Department. The Department will organize a modest remembrance to Professor Buzágh, including a session on his scientific activity. For information contact F. Csempesz, Eötvös University Budapest, Department of Colloid Chemistry, Pázmány Péter sétány 2, H-1117 Budapest, Hungary, Phone +36 (1) 209-0594, Fax +36 (1) 209-0602.

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.

8.1 New Journals

Journal of Peptide Science, an official publication of the European Peptide Society, C.H. Schneider, Ed., Wiley, Vol. 1 (1995) six issues, US\$250 (includes postage and airspeeded delivery). Personal subscription 25% discount, EPS Member subscription US\$65.00. ISSN 1075-2617.

Nanostructured Materials, B.H. Kear, R.W. Siegel, T. Tsakalakos, Eds., Pergamon, Vol. 4 (1994), eight issues, £275.00/US\$420.00, ISSN 0-965-9773.

8.2 Books 1992

Lambrechts, M., and Sansen, W., **Biosensors: Micro-electrochemical Devices**, IOP, Bristol, U.K.

Salamone, J.C., and Riffle, J.S., **Contemporary Topics in Polymer Science** (Advances in New Materials 7), Plenum, US\$114.00 (U.S.A. and Canada US\$95.00), ISBN 0-306-44253-1

8.3 Books 1993

Rectification: Hunter, R.J., **Introduction to Modern Colloid Science**, Oxford University Press Australia, paperback US\$25.00, ISBN 0-198-55386-2, hardback US\$65.00, ISBN 0-198-55387-0.

Aldissi, M., Ed., **Intrinsically Conducting Polymers: An Emerging Technology** (Proceedings of a meeting held in Burlington, Vermont, U.S.A., October 1992; NATO ASI Series E, Applied Sciences, 246), Kluwer, Dordrecht, The Netherlands.

Barr, T., and Saldin, D., Eds., **Tutorials on Selected Topics in Modern Surface Science** (Presented at the 10th International Summer Institute in Surface Science ISSS 1992, June-July 1992), North-Holland, Amsterdam, The Netherlands.

Boger, D.V., and K. Walters, FRS, **Rheological Phenomena in Focus** (Rheology Series 4), Elsevier, Dfl.225.00 (US\$128.50), ISBN 0-444-89473-X.

Boyd, I.W., Ed., **Laser-Assisted Fabrication of Thin Films and Microstructures** (Proceedings Seminar Quebec, Canada, August 1993), SPIE, Bellingham, Washington, U.S.A.

Brown, W., Ed., **Dynamic Light Scattering. The Method and Some Applications** (Monographs on the Physics and

Chemistry of Materials 49), Clarendon Press, £95.00, ISBN 0-198-53942-8.

Buxbaum, G., Ed., **Industrial Inorganic Pigments**, VCH Cambridge, £75.00, ISBN 3-527-28624-1.

Camilleri, P., **Capillary Electrophoresis: Theory and Practice**, CRC Press, £72.00, ISBN 0-849-37862-1.

Cahn, R.W., et al., Ed., **Structure and Properties of Polymers** (Materials Science and Technology 12), VCH Cambridge, £160.00, ISBN 3-527-26825-1.

Collyer, A.A., Ed., **Techniques in Rheological Measurement**, Elsevier, £95.00 (US\$152.00), ISBN 1-851-66885-3.

Csmpesz, F., Horvolgyi, Z., and Paszl, I., Eds., **6th Conference on Colloid Chemistry in Memoriam Geza Schay**, Balatonszeplak, Hungary, September 1992, Hungarian Chemical Society, Budapest, Hungary.

Datta, P.K., and Gray, J.S., Eds., **Surface Engineering, Vol. I Fundamentals of Coatings, Vol. II Engineering Applications, and Vol. III Process Technology and Surface Analysis** (Based on Proceedings 3rd International Conference on Advances in Coatings and Surface Engineering for Corrosion and Wear Resistance, and the First European Workshop on Surface Engineering Technologies and Applications for SMEs, Newcastle upon Tyne, U.K., May 1992), Royal Society of Chemistry, Cambridge, U.K., ISBN 0-851-86665-4.

Delhez, R., and Mittemeijer, E.J., Eds., **European Powder Diffraction** (Proceedings 2nd Conference; Materials Science Forum 133-136), Trans Tech Publications, SFr.420.00 (ca. US\$278.00), ISBN 0-878-49661-0.

Delhez, R., and Mittemeijer, E.J., Eds., **European Powder Diffraction** (Proceedings 3rd Conference; Materials Science Forum 166-169), Trans Tech Publications, SFr.420.00 (ca. US\$278.00), ISBN 0-878-49682-3.

Feng, Z.C., Ed., **Semiconductor Interfaces, Microstructures and Devices: Properties and Applications**, Institute for Physical Chemistry, Bristol, U.K.

Freund, H.J., and Umbach, E., Eds., **Adsorption on Ordered Surfaces of Ionic Solids and Thin Films** (Proceedings 106th WE-Heraeus Seminar, Bad Honnef, Germany, February 1993), Springer, Berlin, Germany.

Gerold, V., Ed., **Structure of Solids** (Materials Science and Technology 1), VCH Cambridge, £176.00, ISBN 3-527-28614-6.

Gonis, A., and Stocks, G.M., Eds., **Equilibrium Structure and Properties of Surfaces and Interfaces** (Proceedings Porto Carras, Greece, 1991; NATO ASI Series B, Physics, 300), Plenum, US\$132.00 (U.S.A. and Canada US\$110.00), ISBN 0-306-44307-4.

Irie, M., **Photo- and Chemical-Responsive Polymer Solution and Gel Systems**, Elsevier, Amsterdam, The Netherlands.

Kaplan, D., Ed., **Silk Polymers: Materials Science and Biotechnology**, (ACS Symposium Series 544), American Chemical Society, US\$94.95, ISBN 0-841-22743-8.

Komninou, Ph., and Rocher, A., Eds., **Intergranular and Interphase Boundaries in Materials** (Proceedings 6th International Conference, Thessaloniki, Greece, 1992; Materials Science Forum 126-128), Trans Tech Publications, SFr.325.00 (ca. US\$215.00), ISBN 0-878-49660-2.

Kuo, K.H., and Takeuchi, S., Eds., **Quasicrystals and Imperfectly Ordered Crystals** (International Symposium, Chengde, China, August-September 1993; Materials Science Forum 150-151), Trans Tech Publications, SFr.220.00 (ca. US\$146.00), ISBN 0-878-49673-4.

Larionov, O.G., Ed., **Proceedings of the 2nd International Symposium on Surface Chemistry, Adsorption, and Chromatography**, Moscow, Russia, June-July 1992, Blackwell, Oxford, U.K.

Maca, F., Ed., **Proceedings 6th Symposium on Surface Physics**, Chlum Castle, Czech Republic, May 1993, Institute of Physics, Academy of Sciences, Prague, Czech Republic.

Mayr, P., Ed., **Surface Engineering**, DGM Informationsgesellschaft, Oberursel, Germany.

Morén, F., Dolovich, M.B., Newhouse, M.T., and Newman, S.P., Eds., **Aerosols in Medicine, 2nd edition (extended and revised)**, Elsevier, Dfl.350.00/US\$200.00, ISBN 0-444-81332-2.

Moulijn, J.A., Van Leeuwen, P.W.N.M., and Van Santen, R.A., Eds., **Catalysis - an Integrated Approach to Homogeneous, Heterogeneous and Industrial Catalysis** (Studies in Surface Science and Catalysis 79), Elsevier, Dfl.295.00 (US\$168.50), ISBN 0-444-89229-X.

Myasnikova, L., and Marikhin, V.A., Eds., **Oriental Phenomena in Polymers**, Steinkopff, Darmstadt, Germany.

Przyluski, J., and Roth, S., Eds., **Conducting Polymers - Transport Phenomena** (Proceedings 4th Autumn School, Warsaw, Poland, September 1992; Materials Science Forum 122), Trans Tech Publications, SFr.120.00 (ca. US\$80.00), ISBN 0-878-49659-9.

Roberts, G.C.K., Ed., **NMR of Macromolecules** (Practical Approach Series), Oxford University Press, hardback £40.00, ISBN 0-199-63225-1; softback £27.50, ISBN 0-199-63224-3.

Salemink, H.W.M., and Pashley, M.D., Eds., **Semiconductor Interfaces at the Sub-Nanometer Scale** (Proceedings

Riva del Garda, Italy, August-September 1992; NATO ASI Series E, Applied Sciences, 243), Kluwer, Dordrecht, The Netherlands.

Schmitz, K., Ed., **Macro-ion Characterization from Dilute Solutions to Complex Fluids** (ACS Symposium Series 548), American Chemical Society, US\$129.95, ISBN 0-841-22770-5.

Sequera, C.A.C., and Hudson, M.J., Eds., **Multi-functional Mesoporous Inorganic Solids** (Proceedings Sintra, Portugal, April 1992; NATO ASI Series C, Mathematical and Physical Sciences, 400), Kluwer, Dordrecht, The Netherlands.

Stella, A., and Miglio, L., Eds., **Semiconductor Superlattices and Interfaces** (Varenna on Lake Como, Villa Monastero, Italy, June-July 1992), North-Holland, Amsterdam, The Netherlands.

Stepanov, V.P., **Interfacial Phenomena in the Ionic Salt Melts** (in Russian), Nauka, Russia.

Townsend, P.H., Weihs, T.P., Sanchez, J.E., and Boergesen, P., **Thin Films: Stresses and Mechanical Properties IV**, Materials Research Society, Pittsburgh, Pennsylvania, U.S.A.

8.4 Books 1994

Advani, S.G., Ed., **Flow and Rheology in Polymer Composites Manufacturing** (Composite Materials Series 10), Elsevier, Dfl.325.00 (US\$185.75), ISBN 0-444-89347-4.

Akavali, G., **The Interfacial Interactions in Polymeric Composites**, (NATO ASI Series E, Applied Sciences, 230), Kluwer, Dordrecht, The Netherlands.

Boyd, R.H., and Phillips, P.J., **The Science of Polymer Molecules**, Cambridge University Press, New York NY, U.S.A., US\$79.95.

Brown, P.R., and Grushka, E., **Advances in Chromatography Vol. 34**, Marcel Dekker, US\$165.00, ISBN 0-824-79087-1.

Bunde, A., and Havlin, S., Eds., **Fractals in Science**, Springer, DM94.00, Macintosh Version: ISBN 3-540-56221-4, MS-DOS Version: ISBN 3-540-56220-6.

Campbell, I.M., **Introduction to Synthetic Polymers**, Oxford University Press, hardback £30.00, ISBN 0-19-855399-4; paperback £13.95, ISBN 0-198-55398-6.

Chulia, D., and Pourcelot, Y., Eds., **Powder Technology and Pharmaceutical Processes** (Handbook of Powder Technology 10), Elsevier, Dfl.425.00 (US\$242.75), ISBN 0-444-81533-3.

Coleman, M.M., and Painter, P.C., **Fundamentals of Polymer Science**, Technomic, SFr.162.00, ISBN 1-566-76152-2.

Costa, M. Ed., **Conducting Polymers on Electrodes**, Pergamon, Oxford, U.K.

Das-Gupta, D.K., Ed., **Ferroelectric Polymers and Ceramic-Polymer Composites** (Key Engineering Materials 92-93), Trans Tech Publications, SFr.200.00 (ca. US\$130.00), ISBN 0-878-49674-2.

Doi, Y., and Fukuda, K., Eds., **Biodegradable Plastics and Polymers** (Proceedings 3rd International Scientific Workshop, Osaka, Japan, November 1993; Studies in Polymer Science 12), Elsevier, Dfl.495.00/US\$283.00, ISBN 0-444-81708-5.

Ehrhardt, H., and Morgan, L.A., Eds., **Electron Collisions with Molecules, Clusters, and Surfaces**,

Plenum, US\$102.00 (U.S.A. and Canada US\$85.00), ISBN 0-306-44706-1.

Engberts, J.B.F.N., and Sudhölter, E.J.R., **Self-Organizing Assemblies**, Elsevier, Amsterdam, The Netherlands.

Engdahl, C., Bzowski, A., Schick, M., Evans, J.W., Ernst, H.-J., Schmidt, M., Campbell, C.T., Naik, R., Jung, T.M., et al., **Papers from the 40th National Symposium of the American Vacuum Society Part II**, Orlando, Florida, U.S.A., November 1993, AIP, Woodbury, New York, U.S.A.

Fathauer, R.W., Mantl, S., Schowalter, L.J., and Tu, K.N., Eds., **Silicides, Germanides, and Their Interfaces** (Symposium, Boston, Massachusetts, New York, November-December 1993), Materials Research Society, Pittsburgh, Pennsylvania, U.S.A.

Finlayson, K.M., Ed., **Advances in Polymer Blends and Alloys Technology 5**, Technomic, SFr.105.00, ISBN 1-566-76133-6.

Gebelein, Ch.G., and Carraher Jr., Ch.E., Eds., **Bio-technology and Bioactive Polymers**, Plenum, US\$114.00 (U.S.A. and Canada US\$95.00), ISBN 0-306-44629-4.

Gray, M.R., **Upgrading Petroleum Residues and Heavy Oils**, (Chemical Industries Series 56), Marcel Dekker, US\$135.00, ISBN 0-824-79211-4.

Grosberg, A.Y., and Khokhlov, A.R., **Statistical Physics of Macromolecules** (translated from Russian), Oxford University Press, £66.00, ISBN 1-563-960710-0.

Hattori, T., and Yashima, T., Eds., **Zeolites and Microporous Crystals** (Proceedings International Symposium, Nagoya, Japan, August 1993; Surface Science and Catalysis 83), Elsevier, ISBN 0-444-98657-X.

Hawkins, A.E., **The Shape of Powder-Particle Outlines**, Wiley & Sons, New York NY, U.S.A., US\$69.95.

Heinrich, V.E., and Cox, P.A., **The Surface of Metal Oxides**, Cambridge University Press, New York NY, U.S.A., US\$84.95.

Helz, G.R., Zepp, R.G., and Crosby, D.G., Eds., **Aquatic and Surface Photochemistry**, Lewis, Boca Raton, Florida, U.S.A.

Holmberg, K., and Kronberg, B., Eds., **Special Issue: YKI 25 Years**, Marcel Dekker, New York, U.S.A.

Jansen, J.C., Stöcker, M., Karge, H.G., and Weitkamp, J., Eds., **Advanced Zeolite Science and Applications** (Studies in Surface Science and Catalysis 85), Elsevier, Dfl.425.00/US\$243.00, ISBN 0-444-82001-9.

Kaplan, D., et al., **Silk Polymers: Materials Science and Biotechnology** (ACS Symposium Series 544), American Chemical Society, Washington DC, U.S.A., US\$94.95.

King, D.A., and Woodruff, D.P., Eds., **Phase Transitions and Adsorbate Restructuring at Metal Surfaces** (The Chemical Physics of Solid Surfaces 7), Elsevier, Dfl.475.00/US\$271.50, ISBN 0-444-81924-X.

Klempner, D., Sperling, L.H., and Utracki, L.A., Eds., **Interpenetrating Polymer Networks** (Advances in Chemistry Series 230), American Chemical Society, £116.00, ISBN 0-841-22528-1.

Kohudic, M.A., Ed., **Advances in the Chemistry and Processing of Various Elastomers** (Advances in Elastomers 1), Technomic, SFr.93.-, ISBN 1-566-76192-1.

Koller, A., Ed., **Structure and Properties of Ceramics** (Materials Science Monographs 80), Elsevier, Dfl.375.00 (US\$214.25), ISBN 0-444-98719-3.

Kreuter, J., Ed., **Colloidal Drug Delivery Systems** (Drugs and the Pharmaceutical Sciences Series 66), Marcel Dekker, US\$125.00, ISBN 0-824-79214-9.

Kuilken, G.D.C., **Thermodynamics of Irreversible Processes**, Wiley, £29.95/US\$47.95, ISBN 0-471-94844-6.

Laughlin, R.G., **The Aqueous Phase Behavior of Surfactants**, Academic Press, ISBN 0-124-37745-9.

Lederer, M., **Chromatography for Inorganic Chemistry**, Wiley, Chichester, U.K.

Limoge, Y., and Bocquet, J.L., Eds., **Reactive Phase Formation at Interfaces and Diffusion Processes** (Proceedings International Meeting Aussois, France, May 1993; Materials Science Forum 155-156), SFr.248.00 (ca. US\$164), Trans Tech Publications, ISBN 0-878-49680-7.

Madix, R.J., **Surface Reactions** (Springer Series in Surface Sciences 34), Springer, DM98.00, ISBN 3-540-57605-3.

Mallouk, T.E., and Harrison, D.J., Eds., **Interfacial Design and Chemical Sensing** (ACS Symposium Series 561), American Chemical Society, £79.00, ISBN 0-841-22931-7.

Mathot, V.B.F., Ed., **Thermal Analysis and Calorimetry in Polymer Physics** (reprinted from *Thermochimica Acta* Vol. 238). Available at 40% discount (Dfl.210.00/US\$120.00) if ordered directly before December 31, 1994 from E. Wijnhoven, P.O. Box 330, 1000 AH Amsterdam, The Netherlands, Fax +31 (20) 586-2845, E-mail e.wijnhoven@elsevier.nl. Elsevier. Payment should be enclosed.

Matis, K.A., Ed., **Flotation Science and Engineering**, Marcel Dekker, US\$175.00, ISBN 0-824-79264-5.

Melendres, C.A., and Tadjeddine, A., Eds., **Synchrotron Techniques in Interfacial Electrochemistry** (Proceedings Funchal, Madeira, Portugal, December 1992; NATO ASI Series C, Mathematical and Physical Sciences, 432), Kluwer, Dordrecht, The Netherlands.

Mittemeijer, E.J., Ed., **ASM Heat Treatment and Surface Engineering Conference II** (Proceedings Conference,

Dortmund, Germany, June 1993; Materials Science Forum 163-165), Trans Tech Publications, two-volumes set SFr.300.00 (ca. US\$200.00), ISBN 0-878-49678-5.

Monneric, I., and Suter, U.W., Eds., **Atomic Modeling of Physical Properties of Polymers** (Advances in Polymer Science 116), Springer, DM258.00, ISBN 3-540-57827-7.

Oss, C.J. van, **Interfacial Forces in Aqueous Media**, Marcel Dekker, US\$165.00, ISBN 0-824-79168-1.

Ottenbrite, R.M., Ed., **Polymeric Drugs and Drug Administration** (ACS Symposium Series 545), American Chemical Society, £58.00, ISBN 0-841-22744-6.

Ottewill, E., and Weiss, A.H., Eds., **Slow Positron Beam Techniques for Solids and Surfaces**, 5th International Workshop, Hackson Hole, Wyoming, U.S.A., AIP, New York NY, U.S.A.

Pesek, J.J., and Leigh, I.E., Eds., **Chemically Modified Surfaces**, Royal Society of Chemistry, Cambridge, U.K.

Pilato, L.A., and Michno, M.J., **Advanced Composite Materials**, Springer, DM138.00, ISBN 3-540-57563-4.

Pizzi, A., and Mittal, K.L., Eds., **Handbook of Adhesive Technology**, Marcel Dekker, US\$195.00, ISBN 0-824-78974-1.

Prasad, P.N., Ed., **Frontiers of Polymers and Advanced Materials**, Plenum, US\$179.40 (U.S.A. and Canada US\$149.50), ISBN 0-306-44716-9.

Rabalais, J.W., Ed., **Low Energy Ion-Surface Interactions** (Wiley Series in Ion Chemistry and Physics), Wiley, Chichester, U.K.

Rouquerol, J., Rodriguez-Reinos, F., Sing, K.S.W., and Unger, K.K., **Characterization of Porous Solids III** (Proceedings COPS III, Marseille, France, May 1993;

Surface Science and Catalysis 87), Elsevier, ISBN 0-444-81491-4.

Rusanov, A.I., and Prokhorov, V.A., **Interface Tensometry** (in Russian), Khimiya, St. Petersburg, Russia.

Salesse, C., Leblanc, R.M., Eds., **Papers Presented at the 6th International Conference on Organized Molecular Films**, Trois-Riviers, Quebec, Canada, July 1993, Elsevier, Lausanne, Switzerland.

Schmitz, K.S., Ed., **Macro-ion Characterization: From Dilute Solutions to Complex Fluids** (Symposium at the 205th National Meeting American Chemical Society, Denver, Colorado, March/April 1993; ACS Symposium Series 548), American Chemical Society, £104.00, ISBN 0-841-22770-5.

Shalaby, S. Ikada, Y., Langer, R., and Williams, J., Eds., **Polymers of Biological and Biomedical Significance** (ACS Symposium Series 540), American Chemical Society, US\$89.95, ISBN 0-841-22732-2.

Shinde, S.L., and Rudman, D.A., Eds., **Interfaces in High-Tc Superconducting Systems**, Springer, New York NY, U.S.A.

Somers, M.A.J., Mittermeijer, E.J., and Schoonman, J., Eds., **Surface Layers - Structure-Property Relations** (Proceedings Symposium on the Occasion of the 150th Anniversary of Delft University of Technology, Delft, The Netherlands, May 1992; Materials Science Forum 154), Trans Tech Publications, SFr.125.00 (ca. US\$84.00), ISBN 0-878-49679-3.

Somorjai, G.A., **Introduction to Surface Chemistry and Catalysis**, Wiley, New York, U.S.A., US\$59.95.

Stolz, H., **Time-Resolved Light-Scattering from Excitons** (Springer Tracts in Modern Physics 130), Springer, DM98.00, ISBN 3-540-57946-X.

Tadros, Th.F., and Cazabat, A.M., Eds., **A Collection of Invited Papers in Honour of Professor Pierre-Gilles DeGennes**, Elsevier, Amsterdam, The Netherlands.

Teramoto, A., Kobayashi, M., and Norisuye, T., Eds., **Ordering in Macromolecular Systems**, Proceedings Osaka University Macromolecular Symposium, OUMS'93, Springer, DM198.00, ISBN 3-540-57817-X.

Thompson, L.F., Willson, C.G., and Tagawa, S., Eds., **Polymers for Microelectronics** (ACS Symposium Series 537), American Chemical Society, £95.00, ISBN 0-841-22721-7.

Usmani, A.M., and Akmal, N., Eds., **Diagnostic Biosensor Polymers** (ACS Symposium Series 556), American Chemical Society, £75.00, ISBN 0-841-22908-2.

Vilgis, T.A., Ed., **Statistical Mechanics of Condensed Polymer Systems: Theory and Simulations**, Proceedings of a conference held in Mainz, Germany, October 1993, Hüthig & Wepf Verlag, Basel, Switzerland.

Walls, J.M., and Smith, R., Eds., **Surface Science Techniques**, Pergamon, £35.00/US\$56.00, ISBN 0-080-42148-2.

Weitkamp, J., Karge, H.G., Pfeifer, H., and Hölderich, W., Eds., **Zeolites and Related Microporous Materials** (Proceedings 10th International Zeolite Conference, Garmisch-Partenkirchen, Germany, July 1994), Elsevier, Dfl.895.00/US\$511.50, ISBN 0-444-81847-2.

Wicks Jr., Z.W., Jones, F.N., and Pappas, S.P., **Organic Coatings: Science and Technology. Vol. II: Applications, Properties, and Performance**, Wiley, New York, U.S.A., US\$59.00.

Wohlfahrt, C., **Vapour-Liquid Equilibrium Data of Binary Polymer Solutions** (Physical Sciences Data 44), Elsevier, Dfl.850.00 (US\$485.50), ISBN 0-444-81717-4.

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!

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