

INTERNATIONAL ASSOCIATION OF COLLOID AND INTERFACE SCIENTISTS

NEWSLETTER NO. 44

June 2008

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.

After the present NL, having edited 44 Newsletters over a period of 30 years, it is time to pass my job to a younger scientist. I am happy that Dr. Ger Koper from Delft University, Netherlands, agreed to take over. Council also agreed. Below, Ger will introduce himself. Over the many years that I was the acting NL-editor, I have greatly profited from world-wide help and I thank all those who have assisted me in the compilation for their very useful contributions. I hope that you will continue your cooperation when Ger has taken over.

Last, but not least, I acknowledge the invaluable help of Mrs. Willy Kleijne, the defacto secretary. It is my pleasure to let you know that she offered to continue her job after the change of editor.

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 cannot accept any responsibility for them.

Formal correspondence address:

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As from July 1st, 2008:

Dr.ir. G.J.M. Koper, Newsletter Editor, Laboratory of Physical Chemistry, Delft University of Technology, Julianalaan 136, 2628 BL Delft, The Netherlands, phone: +31 (15) 278-8218, fax: +31 (15) 278-4135, email: g.j.m.koper@tnw.tudelft.nl.

3 IACIS NEWS

3.1 Presidential Message

The IACIS Newsletter is well known to essentially everyone working in the field of surface and colloid science. For all of us in IACIS it has been the most valuable source, not only of IACIS activities, but also about many other matters, like meetings and publications. The Newsletter has a very established position and it has this year existed for no less than 30 years. This continuity is remarkable but even more so that all Newsletters have been edited by one single person, Hans Lyklema.

Hans has already for quite some time expressed to the Standing Committee and the IACIS Council his wish to retire as Newsletter Editor. While no one denied him this right, his wish caused a lot of concern. Hans has during all years of IACIS been its central figure and the development of our association is to a very large extent due to him. After he accepted a number of times our sincere wishes for him to continue, we finally had to accept a change on this position. The position is central to IACIS and the finding of a replacement a difficult task. However, the suggestion from Hans to hand over to his younger colleague in Delft, Ger Koper, was received with great enthusiasm. In asking for advice and approval from the IACIS Council, the first reaction was that of regret that Hans is stepping down as well as an appreciation and gratefulness for his generous contributions to IACIS over many years. The choice of Ger for new Newsletter Letter was received with many positive reactions, and unanimous approval by the Council. Many of us know Ger personally and have the best impression of him and all of us know and value his scientific contributions for many years.

Ger, we wish you most welcome to the position as new Newsletter Editor and thank you for offering your services to our association. We look forward to work with you!

The transfer of the position from Hans to Ger will formally take place on July 1. Thus Hans will still be responsible for this Newsletter (no. 44) but it will be his last. The transfer will certainly take place smoothly, and Hans has promised also to help in future. In a transition period, IACIS members can contact any of them. In the next issue, when we have had the opportunity to discuss more closely with Ger, possible changes will be described. Elsewhere in this Newsletter, Ger will present himself.

There is certainly no individual, who has meant more for the success of IACIS than Hans Lyklema. He was one of the founding fathers, and the only one remaining. Hans is still very active and is willing to continue to work for IACIS. We are very happy for this. In time for his retirement as Newsletter Editor we will find a suitable formula for his future involvement in IACIS, as well as find out how to appropriately thank him.

When you read this, it is about one year before the 13th IACIS Conference to be held at Columbia University, New York City, June 14-19, 2009. The preparation for the meeting progresses well under the direction of Conference Chairman Professor Ponisseril Somasundaran, called "Som". Updates can be seen at the website <http://www.columbia.edu/cu/iucrc/icscs09/>. We look forward to see you all there! Since this is the first time since 1985 that an IACIS conference is held in the US, and since New York is easily reached from all over the world, we can expect another interesting and well-attended meeting.

As described in the previous Newsletter, it is now due time to select the site of the IACIS Conference in 2012. A number of colleagues have shown interest in hosting this meeting and I look forward to receive formal proposals. When you receive this message, the matter is rather urgent as the deadline is July 31. The information requested was described in the last Newsletter and is repeated elsewhere in the present one. I look forward to receive many good proposals!

Our Honorary Secretary and Treasurer, Mieke Kleijn, is continuously working on improving and updating the IACIS webpage, www.iacis.nl, now having a much more attractive appearance. Together we have also tackled the membership problem, for example the reasons for nonpayment and have been able to recover several members.

With best wishes from your president,

Lund, April 2008

Björn Lindman
Bjorn.Lindman@fkem1.lu.se

3.2 Introduction of the new Newsletter Editor

As many of you seem to be interested in having some personal details on the "newsletter editor" to be, let me give you the "story of my many lives".

My first life was as an electronics engineer. Already at young age I wanted to do something with electricity: it was unbelievable what the potentials were and it seemed great to make things that could be useful such as computers, radios, and robots. I graduated cum laude from the polytechnic in Alkmaar and already during my final project and as a trainee there were many interesting problems to solve. First I had to fulfill my military service and after that I found a job as an electronics engineer working in a medical research group at Leiden University. The group was specialized in cancer research and two approaches were worked on simultaneously. The one was a high resolution but necessarily low throughput system using microscope image analysis. We worked on one of the first video image memories as are now common to all pc's. The other approach was high throughput and therefore low resolution: flow cytometry. Also there, the latest techniques were put to use. A feature of the latter technique was that cells having particular characteristics could also be sorted out for

subsequent culturing. This has led to at least one successful cancer treatment that is still being used. It was a very exciting period and even though I was just an electronics engineer, I co-published quite some scientific papers. At the end of this period I spent some time in the Lawrence Livermore Laboratories near San Francisco, California, U.S.A.. It was there that colleagues told me that there was only one way to advance and that was to graduate. I signed up for the physics education at Leiden University

My second life was as a physics student. During the undergraduate studies I still worked part time as an electronics engineer. The graduation project - on the *Random Energy Model* - was in theoretical physics because lab work was not easily combined with my part time job. The model is largely of academic interest but has some interesting properties that relate to neural networks and to random media. To my great surprise I was offered a PhD-position with Henk Hilhorst who was then just appointed at the Lorentz Institute of Theoretical Physics at Leiden University. I graduated in 1990 on the aging behavior of spin glasses. The work was rather new in a field where lots of experiments were already available; the first paper is still being cited regularly. At the age of 35 I had a PhD in physics but no job; where to find one? Completely unexpectedly two job offers came from the same laboratory.

My third life was as assistant professor in physical chemistry at Leiden University. I collaborated with Dick Bedeaux who also holds a PhD in theoretical physics. I was to do the experimental work he had gotten engaged in. Initially this involved dielectric spectroscopy and electro-optical birefringence and later we got a reasonably large EU-funded project on the analysis of structured thin films. The technique we delved into was scanning angle reflectometry and we collaborated with the group of Pierre Schaaf at the Institut Charles Sadron in Strasbourg and with the group of Miguel Rubí at the University of Barcelona. We developed models to analyze particulate films and successfully verified these experimentally. Erik van der Linden

finished his PhD-thesis on microemulsion dynamics and we continued that studying the aggregation behavior of these systems. Also in that period a long lasting collaboration developed with Michal Borkovec, largely on ligand binding equilibria. Near the end of this life I got promoted to associate professor but I did not stay long after.

My fourth - and present - life is as associate professor in physical chemistry at Delft University of Technology. My interests are directed to projects with some practical aspect such as catalysis, the efficiency of paper making, and the stick-slip transition in surfactant solution flow through membranes.

Present work includes fuel cells - where the intention is to design a new way to incorporate catalytic particles - and the statistical thermodynamics of self assembly as in hybrid organic-inorganic frameworks.

In all these lives, organizing and managing events has come easy and it is to be expected that this will continue in the future ones. In recent days I have stopped some activities. Others I started: becoming your newsletter editor is one of those.

Ger Koper

3.3 Venue of the 14th IACIS Conference, 2012

The procedure for determining the venue has now started. Proposals can be sent to the IACIS President Prof. Björn Lindman, email:

Bjorn.Lindman@fkem1.lu.se, **before the end of July 2008.**

Information in the proposal should include: proposer(s): titles, names, affiliations, positions; place (city, country) and dates; organizing committee (preliminary list); main conference topics (preliminary list); venue - description of facilities; accommodation - hotels, dormitories/hostels, prices; preliminary registration fees; financial support. The proposals will be sent to all Council members requesting their opinions, after which the final decision will be made.

4 IACIS-SPONSORED MEETINGS

4.1 International Conferences on Surface and Colloid Science (since 1979 under auspices of, and sponsored by, IACIS)

- History:
- 1st Conference, Budapest, Hungary, 1975
 - 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
 - 9th Conference, Sofia, Bulgaria, 1997
 - 10th Conference, Bristol, United Kingdom, 2000
 - 11th Conference, Iguassu Falls, Argentina/Brazil, 2003
 - 12th Conference, Beijing, China, 2006
- Future:
- 13th Conference, New York NY, U.S.A., 2009 - see item 5.66
 - 14th Conference, 2012. See item 3.3.

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 (The Netherlands) Polymers in Colloidal Systems: Adsorption, Stability and Flow
- 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 (United Kingdom), 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 (United Kingdom) 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
- 21) July 1995, Maratea (Italy) Nato Advanced Research Workshop on Fine Particle Science and Technology from Micro to Nanoparticles
- 22) March 1996, Crete (Greece) European Research Conference on Wetting and Capillarity
- 23) March 1996, Szeged (Hungary) Nanoparticles in Solids and Solutions (NATO Advanced Research Workshop)
- 24) June 1996, Moscow (Russia) 11th International Conference on Surface Forces
- 25) September 1996, Eger (Hungary) 7th Conference of Colloid Chemistry
- 26) September-October 1996, Rome (Italy) Electrokinetic Phenomena '96
- 27) October 1996, Antwerp (Belgium) XIV European Chemistry at Interfaces Conference
- 28) August 1997, Wageningen (The Netherlands) Interfaces Against Pollution
- 29) January 1998, Kona (Hawaii) Surface Characterization of Adsorption and Interfacial Reactions II
- 30) May 1998, Amalfi (Italy) Organisation in Polymer-Surfactant Systems
- 31) June 1998, Stockholm (Sweden) 12th International Symposium on Surfactants in Solution
- 32) October 1998, Moscow (Russia) International Conference on Colloid Chemistry and Physical-Chemical Mechanics
- 33) March 2000, ELKIN (Germany)
- 34) June 2000, France, 3rd World Congress on Emulsion
- 35) October 2000, Dresden (Germany) International Symposium on Electrokinetic Phenomena
- 36) May 2002, Miskolc (Hungary) 2nd International IAP Conference on Interfaces Against Pollution

- 37) May 2003, Vladimir (Russia) 16th European Chemistry at Interfaces Conference
- 38) May 2004, Juelich (Germany) 3rd Interfaces against Pollution Conference
- 39) February 2005, Sydney (Australia) 2nd Australian Colloid and Interface Symposium ACIS 2005
- 40) July 2005, Loughborough (United Kingdom) 17th European Chemistry at Interfaces Conference
- 41) June 2006, Moscow (Russia) 13th International Conference on Surface Forces
- 42) June 2008, Kyoto (Japan) 5th International Conference on Interfaces Against Pollution IAP2008.

5 CONFERENCES

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. One-day meetings will not be included.

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

5.01 5th International Conference on Interfaces Against Pollution IAP2008, 1-4 June 2008, Kyoto, Japan. IACIS sponsored. Info: Yashu Adachi, Institute of Agricultural and Forest Engineering, University of Tsukuba, Tennoudai 1-1-1, Tsukuba-shi, Ibaraki 305-8572, Japan, phone: +81 (29) 853-4645, fax: +81 (29) 853-7198, email: iap2008@envr.tsukuba.ac.jp, <http://www.rs.noda.tus.ac.jp/iap2008>.

5.02 15th International Conference on the Textures of Materials ICOTOM, 1-6 June 2008, Pittsburgh, Pennsylvania, U.S.A. Info: Anthony .D. Rollett, Professor of Materials Science and Engineering, Carnegie Mellon University, 143 Roberts Engineering Hall, Pittsburgh, PA 15213-3890, U.S.A., phone: +1 (412) 268-3177, fax: +1 (412) 268-1513, email: rollett@andrew.cmu.edu, <http://www.ceramics.org/meetings/ICOTOM2008>.

5.03 13th European Conference on Composite Materials, 2-5 June 2008, Stockholm, Sweden. Info: Sicomp AB, P.O. Box 104, SE-43122 Mölndal, Sweden,

phone: +46 (31) 706-6349, fax: +46 (31) 706-6363,
email: eccm13@sicomp.se, <http://www.eccm13.sicomp.se>.

5.04 6th International Symposium on Molecular Order and Mobility in Polymer Systems, 2-6 June 2008, St. Petersburg, Russia.
Info: Dr. Tatjana Filippova, Institute of Macromolecular Compounds, Bolshoy pr. 31, St. Petersburg, 199004 Russia,
phone: +7 (812) 323-2907, fax: +7 (812) 328-6869,
email: tatfil@imc.macro.ru, <http://www.macro.ru/symp6>.

5.05 Gordon Research Conference on Biopolymers, 8-13 June 2008, Newport, Rhode Island, U.S.A. Info: George I. Makhataдзе, Pennsylvania State University, Department of Biochemistry and Molecular Biology, 5500 University Drive, Hershey, PA 17033, U.S.A., email: Makhataдзе@psu.edu; or
Lois Pollack, Cornell University, School of Applied and Engineering Physics, 212 Clark Hall, Ithaca, NY 14853, U.S.A.,
email: LP26@cornell.edu;
<http://www.grc.org/programs.aspx?year=2008&program=biopolym>.

5.06 30th Annual Symposium on Applied Surface Science, 11-13 June 2008, University Park, Pennsylvania, U.S.A. Info: Ms. Donna Lucas, The Pennsylvania State University, 278 Materials Research Laboratory Building, University Park, PA 16802, U.S.A.
phone: +1 (814) 865-1656, fax: +1 (814) 865-2326,
email: dzm4@psu.edu,
<http://www.mri.psu.edu/conferences/surfaceanalysis2008>.

5.07 82nd ACS Colloid and Surface Science Symposium, 15-18 June 2008, Raleigh, North Carolina, U.S.A. Info: Orlin Velev, Department of Chemical Engineering and Biomolecular Engineering, North Carolina State University, Raleigh, NC 27695-7905, U.S.A.,
phone: +1 (919) 513-4318, fax: +1 (919) 515-3465,
email: odvelev@unity.ncsu.edu, <http://www.colloids2008.org>.

5.08 **24th Annual Meeting of the Polymer Processing Society PPS-24**, 15-19 June 2008, Salerno, Italy. Info: F.R. Titomanlio, phone: +39 (89) 964-013, fax: +39 (89) 963-458, email: secretariat@pps-24.com, <http://www.pps-24.com>.

5.09 **Gordon Research Conference on Nanoporous Materials**, 15-20 June 2008, Waterville, Maine, U.S.A. Info: Robert L. Bedard, Uop L1c, 25 East Algonquin Road, Des Plaines, IL 60017, U.S.A., email: Robert.Bedard@uop.com; or Tina M. Nenoff, Sandia National Laboratories, P.O. Box 5800, Ms 0734, Albuquerque, NM 87185-0734, U.S.A., email: TMNenof@sandia.gov, <http://www.grc.org/programs.aspx?year=2008&program=nanopor>.

5.10 **7th International Symposium on Polyelectrolytes Polyelectrolytes2008**, 16-19 June 2008, Coimbra, Portugal. Info: Prof. Alberto Canelas Pais, Chemistry Department, University of Coimbra, Apartado 3008, 3001-454 Coimbra, Portugal, phone: 351 (239) 852-080, fax: +351 (239) 827-703, email: poly2008@qui.uc.pt, <http://www1.ci.uc.pt/gcpi/poly2008>.

5.11 **15th Zeolite Forum**, 16-21 June 2008, Kocierz, Poland. Info: M. Derewiński, phone: +48 (12) 639-5154, email: ncderewi@cyf-kr.edu.pl or zeoforum15@gmail.com.

5.12 **2nd Annual Conference on Virtual Discovery and Advances in Protein Crystallography**, 19-20 June 2008, Amsterdam, The Netherlands. Info: Select Biosciences Ltd., Crestland House, Sudbury, CO10 OBD, United Kingdom, phone: +44 (1787) 315-110, fax: +44 (1787) 315-111, email: enquiries@selectbiosciences.com, <http://www.selectbiosciences.com/conferences>.

5.13 **7th World Surfactants Congress CESIO 2008**, 22-25 June 2008, Paris, France. Info: CESIO 2008 c/o MCI, 24 rue Chauchat, 75009 Paris, France,
phone: +33 (1) 5385-8266, fax: +33 (1) 5385-8283,
email: cesio2008info@mci-group.com, <http://www.cesio2008.com>.

5.14 **4th International Conference on Coatings Science COSI 2008**, 23-27 June 2008, Noordwijk, The Netherlands. Info: Secretariat Organizing Committee, Eindhoven University of Technology, Helix STO 2.34, P.O. Box 513, 5600 MD Eindhoven, The Netherlands,
phone: +31 (40) 247-2770, email: i.j.scholten-kamstra@tue.nl,
<http://www.coatings-science.com>.

5.15 **3rd International Conference on Colloid Chemistry and Physicochemical Mechanics, Devoted to the 200th Anniversary of the Discovery of Electrokinetic Phenomena**, 24-28 June 2008, Moscow, Russia. Info: Prof. A.V. Pertsov, Faculty of Chemistry, Lomonosov Moscow State University, Moscow 119992, Russia,
phone: +7 (495) 939-5386, email: pertsov@colloid.chem.msu.ru,
<http://www.icc2008.ru>.

5.16 **1st International Workshop on Fluorinated Surfactants: New Developments**, 26-28 June 2008, Idstein, Germany. Info: Heike Weil, Europa University of Applied Sciences Fresenius, Limburger Strasse 2, 65510 Idstein, Germany,
phone: +49 (6126) 935-268, fax: +49 (6126) 935-210,
email: weil@fh-fresenius.de, <http://www.pft.fh-fresenius.de>.

5.17 **7th Liquid Matter Conference of the European Physical Society**, 27 June - 1 July 2008, Lund, Sweden. Info: Prof. H. Wennerström, Center for Chemistry and Chemical Engineering, University of Lund, P.O. Box 124, S-22100 Lund, Sweden,
phone: +46 (46) 222-9767, fax: +46 (46) 222-4413,
email: liquids2008@konferens.se, <http://www.liquids2008.se>.

5.18 **2nd International Congress on Ceramics**, 29 June - 4 July 2008, Verona, Italy. Info: Agenzia Polo Ceramico Soc. Cons. a r.l., Via Granarolo 62, 48018 Faenza RA, Italy, phone: +39 (546) 670-311, fax: +39 (546) 670-399, email: icc2@icc2.org, <http://www.icc2.org>.

5.19 **Gordon Research Conference on Polymer Physics**, 29 June - 4 July 2008, Newport, Rhode Island, U.S.A. Info: Jane E. Lipson, Dartmouth College, Department of Chemistry, Burke Laboratories, Hanover, NH 03755, U.S.A., email: JLipson@Dartmouth.edu; or Karen I. Winey, University of Pennsylvania, Department of Materials Science and Engineering, 3231 Walnut Street, Philadelphia, PA 19104-6272, U.S.A., email: Winey@lrsn.upenn.edu; <http://www.grc.org/programs.aspx?year=2008&program=polyphys>.

5.20 **10th International Conference on Surface X-ray and Neutron Scattering SXNS10**, 2-5 July, nearby Paris, France. Info: Sylvie Pavan, email: [SXNS10@synchrotron-soleil.fr](mailto: SXNS10@synchrotron-soleil.fr), <http://www.synchrotron-soleil.fr/Workshops/2008/SXNS10>.

5.21 **Electrocatalysis : Theory and Experiment at the Interface** (Faraday Discussion 140), 7-9 July 2008, Southampton, U.K. Info: RCS Conferences, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 0WF, U.K., phone: +44 (1223) 432-254/-380, fax: +44 (1223) 423-623, email: conferences@rsc.org, <http://www.rsc.org/FD140>.

5.22 **9th International Conference EuFoam2008**, 7-10 July 2008, Noordwijk, The Netherlands. Info: Sebastien Vincent-Bonnieu, Physical Sciences Unit, European Space Agency / European Space and Technology Centre, P.O. Box 299, 2200 AG Noordwijk, The Netherlands, phone: +31 (71) 565-8317, fax: +31 (71) 565-3661, email: Sebastien.Vincent-Bonnieu@esa.int or Olivier.Minster@esa.int; <http://www.congrex.nl/08A05>.

5.23 35th Annual Meeting and Exposition of the Controlled Release Society, 12-16 July 2008, New York NY, U.S.A. Info: The Controlled Release Society, 3340 Pilot Knob Road, St. Paul, MN 55121, U.S.A.,
phone: +1 (651) 454-7250, fax: +1 (651) 454-0766,
email: crs@sisoc.org,
<http://www.controlledreleasesociety.org/meeting/default.cfm>.

5.24 Gordon Research Conference on Chemistry at Interfaces, 13-18 July 2008, Waterville Valley, New Hampshire, U.S.A. Info: Scott S. Perry, University of Florida, Department of Materials Science and Engineering, 206 Rhines Hall, Gainesville, FL 32611, U.S.A.,
email: SSP@ufl.edu; or
Andrew J. Gellman, Carnegie Mellon University, Department of Chemical Engineering, 5000 Fifth Avenue, Pittsburgh, PA 15231, U.S.A., email: Gellman@cmu.edu;
<http://www.grc.org/programs.aspx?year=2008&program=interfaces>.

5.25 Gordon Research Conference on Nanostructure Fabrication, 13-18 July 2008, Tilton, New Hampshire, U.S.A. Info: Dawn A. Bonnell, University of Pennsylvania, Department of Materials Science Engineering, 3231 Walnut Street, Philadelphia, PA 19104, U.S.A., email: Bonnell@lrsm.upenn.edu,
<http://www.grc.org/programs.aspx?year=2008&program=nanostruc>.

5.26 48th Microsymposium on Polymer Colloids - From Design to Biomedical and Industrial Applications, 20-24 July 2008, Prague, Czech Republic. Info: P.M.M. Secretariat, Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Heyrovský Sq. 2, 162 06 Prague, Czech Republic,
phone: +420 (296) 809-332, fax: +420 (296) 809-410,
email: sympo@imc.cas.cz,
<http://www.imc.cas.cz/sympo/48micros/index.html>.

5.27 16th Annual International Conference on Composites / Nano Engineering ICCE-16, 20-26 July 2008, Kunming, China.
 Info: David Hui, University of New Orleans, Department of Mechanical Engineering, New Orleans, LA 70148, U.S.A.,
 phone: +1 (504) 280-6652, fax: +1 (504) 280-6192,
 email: dhui@uno.edu, <http://www.uno.edu/~engr/composite>.

5.28 Gordon Research Conference on Electrodeposition, 27 July - 1 August 2008, New London, New Hampshire, U.S.A. Info: Thomas P. Moffat, Nist, Bldg. 244, B166, Gaithersburg, MD 20878, U.S.A., email: Thomas.Moffat@Nist.gov; or
 Peter Searson, Johns Hopkins University, Department of Materials Science and Engineering, 102 Maryland Hall, Baltimore, MD 21218, U.S.A., email: Searson@JHU.edu;
<http://www.grc.org/programs.aspx?year=2008&program=elecdep>.

5.29 Gordon Research Conference on Macromolecular Organization and Cell Function - Cellular Systems Biology, 27 July - 1 August 2008, Oxford, U.K. Info: Robert S. Balaban, National Institutes of Health, National Heart, Lung & Blood Institute, 10 Center Drive, Bethesda, MD 20892-1061, U.S.A.,
 email: Balabanr@nhlbi.nih.gov; or
 Lorraine Agius, University of Newcastle Upon Tyne, Fl.4 William Leech Building, The Medical School, Framlington Place, Newcastle Upon Tyne, NE2 4HH, U.K., email Lorraine.Agius@ncl.ac.uk;
<http://www.grc.org/programs.aspx?year=2008&program=macromol>.

5.30 Gordon Research Conference on Water and Aqueous Solutions, 27 July - 1 August 2008, Plymouth, New Hampshire, U.S.A. Info: Alan K. Soper, Rutherford Appleton Laboratory, Isis Facility, Chilton, Didcot, OX11 0QX, U.K.,
 email: A.K.Soper@rl.ac.uk,
<http://www.grc.org/programs.aspx?year=2008&program=water>.

5.31 **Workshop on Dynamics in Soft Condensed Matter DynaSoft2008**, 28 July - 8 August 2008, Cargèse, France. Info: Liliane Léger or Dominique Langevin, Laboratoire de Physique des Solides, UMR 8502, Université Paris-Sud, Bâtiment 510, 91405 Orsay cedex, France, email: langevin@lps.u-psud.fr, <http://www.lps.u-psud.fr/Dynasoft08>.

5.32 **15th International Congress on Rheology**, 3-8 August 2008, Monterey, California, U.S.A. Info: Ms. Paula Bailey, email: pbailey@stanford.edu, <http://www.rheology.org/ICR2008>.

5.33 **Emulsion Days 2008**, 4-5 August 2008, Beijing, China. Info: AC Serendip Ltd., Fahrenheitsstrasse 1, 28359 Bremen, Germany, phone: +49 (421) 220-8100, fax: +49 (421) 220-8150, email: info@emulsiondays.com, <http://www.emulsiondays.com>.

5.34 **Gordon Research Conference on Solid State Studies on Ceramics**, 10-15 August 2008, Andover, New Hampshire, U.S.A. Info: Helen M. Chan, Lehigh University, Department of Materials Science and Engineering, 5 E. Packer Av., Bethlehem, PA 18015, U.S.A., email: Helen.Chan@Lehigh.edu, <http://www.grc.org/programs.aspx?year=2008&program=ceramics>.

5.35 **236th ACS National Meeting**, 17-21 August 2008, Philadelphia, Pennsylvania, U.S.A. Info: ACS Meetings, 1155 16th Street NW, Washington, DC 20036-4899, U.S.A., fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>.

Symposia of the *Division of Colloid and Surface Chemistry* include:

* **Advances in Nanomedicine 2008**. Info: A. Wei, Department of Chemistry, Purdue U, 560 Oval Dr., West Lafayette, IN 47907-2084, U.S.A., phone: +1 (765) 494-5257, fax: +1 (765) 494-0239, email: alexwei@purdue.edu.

- * **Applications of Self-Assembled Block Copolymer Systems.** Info: R. Nagarajan, Molecular Sciences & Engineering Team, Natick Soldier Research, Development & Engineering Center, Kansas St., Natick, MA 01760, phone: +1 (508) 233-6445, fax: +1 (508) 233-4469, email: Ramanathan.Nagarajan@us.army.mil.
- * **Biological & Biomimetic Interfacial Electron Transfer.** Info: E. Borguet, Chemistry Department, Temple University, 201 Beury Hall, 1901 North 13th Street, Philadelphia, PA 19122, U.S.A., phone: +1 (215) 204-9696, fax: +1 (215) 204-9530, email: eborguet@temple.edu.
- * **Symposium in Memory of Janos Fendler.** Info: C. D. Tran, Chemistry, Marquette University, P.O. Box 1881, Milwaukee, WI 53201-1881, U.S.A., phone: +1 (414) 288-5428, fax: +1 (414) 288-7066, email: chieu.tran@marquette.edu.
- * **Fundamental Research in Colloid & Surface Chemistry.** Info: R. Nagarajan (see above).
- * **Hierarchically Organized Nanoparticle Assemblies: Learning from Biological Systems.** Info: Q. Wang, Department of Chemistry and Biochemistry, University of South Carolina, 631 Summer St., Columbia, SC 29208, U.S.A., phone: +1 (803) 777-8436, fax: +1 (803) 777-9521, email: wang@mail.chem.sc.edu.
- * **Novel Model Systems for Bilayer Lipid Membranes Symp. in Memory of Mike White.** Info: B. E. Koel, Department of Chemistry and CAMN, Lehigh University, Six East Packer Ave., Bethlehem, PA 18015, U.S.A., phone: +1 (610) 758-5650, fax: +1 (610) 758-6555, email: brk205@lehigh.edu; or X. Zhu, Department of Chemistry, University of Minnesota, 207 Pleasant St., S.E., Minneapolis, MN 55455, U.S.A., phone: +1 (612) 624-7849, fax +1 (612) 626-7541, email: zhu@chem.umn.edu.

The *Division of Polymeric Materials : Science and Engineering* will organize a symposium on

- * **Emulsion Polymerization.** Info: Eric S. Daniels, Emulsion Polymers Institute, Lehigh University, 111 Research Drive, Bethlehem, PA 18015, U.S.A.,
phone: +1 (610) 758-3602, fax: +1 (610) 758-5880,
email: esd0@lehigh.edu,
<http://membership.acs.org/P/PMSE/meetings/future.html>.

5.36 **17th International Symposium on Surfactants in Solution**, 17-22 August 2008, Berlin, Germany. Info: Dr. Reinhard Miller, Max-Planck-Institute of Colloids and Interfaces, Max Planck Campus, Haus 2, Am Mühlenberg 2, D-14476 Golm/Potsdam, Germany,
phone: +49 (331) 567-9252, fax: +49 (331) 567-9202,
email: sis2008@mpikg.mpg.de, <http://sis2008.mpi.kg.mpg.de>.

5.37 **5th International Workshop on Electronic Crystals ECRYS-2008**, 24-30 August 2008, Corsica, France. Info: Natasha Kirova, Laboratoire de Physique des Solides, Bât. 510, Université Paris-Sud, 91405 Orsay cedex, France,
phone: +33 (1) 6915-6095, fax: +33 (1) 6915-6086,
email: ecrys@lps.u-psud.fr, <http://www.lps.u-psud.fr/ecrys2008>.

5.38 **22nd International Congress of Theoretical and Applied Mechanics ICTAM 2008**, 24-30 August 2008, Adelaide, Australia. Info: Prof. Jim Denier, School of Mathematical Sciences, University of Adelaide, Adelaide, SA 5005, Australia,
fax: +61 (8) 8303-3696, <http://ictam2008.adelaide.edu.au>.

The congress will include a mini-symposium on **Mechanics of Colloidal Systems**. Info: Dominique Langevin, Laboratoire de Physique des Solides, UMR 8502, Université Paris-Sud, Bât. 510, 91405 Orsay cedex, France, email: langevin@lps.u-psud.fr.

5.39 Water - From Interfaces to the Bulk (Faraday Discussion 141), 27-29 August 2008, Edinburgh, U.K. Info: RCS Conferences, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 0WF, U.K.,
phone: +44 (1223) 432-254/-380, fax: +44 (1223) 423-623,
email: conferences@rsc.org, <http://www.rsc.org/FD141>.

5.40 22nd Conference of the European Colloid and Interface Society ECIS2008, 31 August - 5 September 2008, Cracow, Poland. Info: Prof. Z. Adamczyk, Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Ul. Niezapominajek 8, 30-239 Cracow, Poland,
phone: +48 (12) 639-5104, fax: +48 (12) 425-1923,
email: info@ecis2008.pl, <http://www.ecis2008.pl>.

5.41 Particle Systems Analysis PSA2008, 2-4 September 2008, Stratford upon Avon, U.K. Info: Ron Buxton, Particle Characterisation Group, c/o Particle Technology Ltd., Station Yard Ind Estate, Hatton, DE65 5DU, U.K.,
phone: +44 (1283) 520-365, fax: +44 (1283) 520-412,
email: particle@rsc.org,
<http://www.rsc.org/particlecharacterisation>.

5.42 Conference on Phase Separation and Mixing, 3-5 September 2008, Cambridge, U.K. Info: Claire Garland, The Institute of Physics, 76 Portland Place, London, W1B 1NT, U.K.,
phone: +44 (20) 7470-4800, fax: +44 (20) 7470-4900,
email: claire.garland@iop.org, <http://www.psm2008.org>.

5.43 5th International Conference on Fracture of Polymers, Composites and Adhesives and 5th ESIS TC4 Conference, 7-11 September 2008, Les Diablerets, Switzerland. Info: Clare Norris,
phone: +44 (118) 971-3710, fax: +44 (118) 971-4801, email:
tc4-conference@elsevier.com, <http://www.tc4pca.elsevier.com>.

5.44 5th International Conference on Oils and Fuels for Sustainable Development AUZO 2008, 8-11 September 2008, Gdansk, Poland. Info: Prof. J. Hupka, Gdansk University of Technology, Chemical Faculty, Narutowicza 11/12, 80-952 Gdansk, Poland,
phone: +48 (58) 347-1792, fax: +48 (58) 347-2273,
email: info@oils.pl, <http://www.oils.pl>.

5.45 4th Annual Ion Channel Targets Conference and Exhibition, 9-10 September 2008, South San Francisco, California, U.S.A. Info: Select Biosciences Ltd., Crestland House, Sudbury, CO10 OBD, U.K.,
phone: +44 (1787) 315-110, fax: +44 (1787) 315-111,
email: enquiries@selectbiosciences.com,
<http://www.selectbiosciences.com/conferences>.

5.46 3rd International Conference on the Environmental Effects of Nanoparticles and Nanomaterials, 15-16 September 2008, Birmingham, U.K.
Info: Dr. Emma Smith (e.l.smith@bham.ac.uk), Dr. Jamie Lead (j.r.lead@bham.ac.uk), Dr. Richard Handy (rhandy@plymouth.ac.uk), or Dr Richard Owen (richard.owen@environment-agency.gov.uk);
<http://www.gees.bham.ac.uk/research/nanonet/conference>.

5.47 45th Annual Symposium on Physicochemical Problems of Mineral Processing and 13th International Mineral Processing Meeting, 15-18 September 2008, Beskidy, Poland. Info: Prof. Z. Sadowski, Wroclaw University of Technology, Institute of Chemical Engineering, Wybrzeze Wyspianskiego 27, 50370 Wroclaw, Poland,
phone: +48 (71) 320-3863/-6879/-6878, email:
Zygmunt.Sadowski@pwr.wroc.pl or zdzislaw.piszczyński@polsl.pl;
<http://www.ig.pwr.wroc.pl/minproc>.

5.48 Fall Meeting of the European Materials Research Society, 15-19 September 2008, Warsaw, Poland. Info: Agnieszka Rytel, Warsaw University of Technology, Faculty of Materials Science and Engineering, 141 Wołoska Street, 02-507 Warsaw, Poland, phone/fax: +48 (22) 234-8794, email: warsaw.fall@e-mrs.org, <http://www.e-mrs.org/meetings/fall2008>.

5.49 16th Ostwald-Kolloquium of the German Kolloid-Gesellschaft - Colloidal Systems in External Fields, 22-23 September 2008, Leipzig, Germany. Info: Dr. F. Kremer, Department of Physics, University of Leipzig, Linnéstrasse 5, 04103 Leipzig, Germany, phone: +49 (341) 973-2550, fax: +49 (341) 973-2599, email: kremer@physik.uni-leipzig.de, <http://www.kolloidgesellschaft.uni-essen.de/veranstaltung-eng.html>.

5.50 24th International Congress on Mineral Processing IMPC Beijing 2008, 24-28 September 2008, Beijing, P.R. China. Info: Secretariat IMPC Beijing 2008, 1 Wenxing St., Xizhimenwai, Beijing 100044, P.R. China, phone: +86 (10) 6831-0569, fax: +86 (10) 6831-7050, email: impc2008@impc2008.org, <http://www.impc2008.org>.

5.51 3rd International Conference on Electrophoretic Deposition - Fundamentals and Applications, 5-9 October 2008, Hyogo, Japan. Info: Dr. A. R. Boccaccini, Department of Materials, Imperial College of Science, Technology & Medicine, London, U.K., phone: +44 (207) 594-6731, fax: +44 (207) 594-6757, email: a.boccaccini@imperial.ac.uk, <http://www.engconfintl.org/8ae.html>.

5.52 Industrial Applications of Renewable Resources - A Conference on Bio-Based Technologies, 13-16 October 2008, Cincinnati, Ohio, U.S.A. Info: The American Oil Chemists' Society AOCS, 2710 S. Boulder, Urbana, IL 61802-6996, U.S.A.,

phone: +1 (217) 359-2344, fax: +1 (217) 351-8091,
<http://www.aocs.org/meetings>.

5.53 4th European Detergent Conference EDC, 15-17 October 2008, Würzburg, Germany. Info: Prof.dr. Thomas Knepper, Europa University of Applied Sciences Fresenius, Limburger Strasse 2, D-65510 Idstein, Germany,
 phone: +49 (6126) 935 264, fax: +49 (6126) 935-210,
 email: knepper@fh-fresenius.de.

5.54 Nanomedicine and Drug Delivery Symposium NanoDDS'08, 18-19 October 2008, Toronto, Canada. Info: Prof. Christine Allen, Leslie Dan Faculty of Pharmacy, University of Toronto, 144 College Street, Toronto, Ontario, Canada M5S 3M2,
 phone: +1 (416) 946-8594, fax: +1 (416) 978-8511,
 email: cj.allen@utoronto.ca, <http://www.nanodds.org>.

5.55 10th International Symposium on Evaluation of Reservoir Wettability and Its Effect on Oil Recovery, 26-28 October 2008, Abu Dhabi, United Arab Emirates. Info: Jill Buckley, Petroleum Recovery Research Center, Petrophysics and Surface Chemistry, 801 Leroy Place, Socorro, NM 87801, U.S.A.,
 phone: +1 (575) 835-5405, fax: +1 (575) 835-6031,
 email: jill@prrc.nmt.edu,
<http://baervan.nmt.edu/petrophysics/wet-conf/wet-conf.html>.

5.56 Conference on Chemodynamics of Ecosystems, 26-31 October 2008, Monte Verita, Ascona, Switzerland. In honour of Professor Jacques Buffle, University of Geneva, on the occasion of his retirement. Limited access. Info: Raewyn Town, University of Southern Denmark, Room Campus Ø11-508b-1, Odense, Denmark,
 phone: +45 6550-2503, fax: +45 6615-8780,
 email: rmt@ifk.sdu.dk, http://www.eawag.ch/veranstaltungen/externe_anlaesse/ecosystems/index_EN.

5.57 **Jülich Soft Matter Days 2008**, 11-14 November 2008, Bonn, Germany. Info: Forschungszentrum Jülich, Conference Service, 52425 Jülich, Germany,
phone: +49 (2461) 612-292, fax: +49 (2461) 618-192,
email: jsmdays@fz-juelich.de, <http://www.soft-matter.net> and
<http://www.fz-juelich.de/iff/jsmd2008>.

5.58 **Emulsion Days 2008**, 13-14 November 2008, New York NY, U.S.A. Info: AC Serendip Ltd., Fahrenheitstrasse 1, 28359 Bremen, Germany,
phone: +49 (421) 220-8100, fax: +49 (421) 220-8150,
email: info@emulsiondays.com, <http://www.emulsiondays.com>.

5.59 **Annual Meeting of the American Institute of Chemical Engineers**, 16-21 November 2008, Philadelphia, Pennsylvania, U.S.A. Info: Dr. Vinay K. Gupta, University of South Florida, Department of Chemical and Biomedical Engineering, 4202 E Fowler Avenue, ENB 118, Tampa, FL 33620, U.S.A.,
phone: +1 (813) 974-0851, email: vk Gupta@eng.usf.edu,
<http://www.aiche.org/Conferences/AnnualMeeting/index.aspx>.

5.60 **8th Annual Surface and Colloid Symposium on Surface and Colloid Science for Advanced Materials**, 19-21 November 2008, Lund, Sweden. Info: Ulrika Örn, Swedish Chemical Society, Wallingatan 24 3 tr, 11124 Stockholm, Sweden,
phone: +46 (8) 411-5260, fax: +46 (8) 106-678,
email: Ulrika@chemsoc.se.

5.61 **International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms ISMOM 2008**, 26-30 November 2008, Pucon, Chile. Info: Dra. Maria de La Luz Mora, Universidad de La Frontera, Ciencias de Recursos Naturales, Temuco, Chile,
phone: +56 (45) 325-479, fax: +56 (45) 325-053,
email: mariluz@ufro.cl, <http://www.ismom2008ufro.cl>.

2009 and later

5.62 **Australian Colloid and Interface Symposium**, 1-5 February 2009, Adelaide, Australia. Biennial meeting of the Colloid and Surface Science Division of the Royal Australian Chemical Institute. Info: Prof. Paul Mulvaney, University of Melbourne, Nanoscience Group, School of Chemistry, Bio21 Institute, Room 284, Bio 21, 30 Flemington Road, Melbourne, VIC 3010, Australia, phone: +61 (3) 8344-2420, fax: +61 (3) 9348-1595, email: mulvaney@unimelb.edu.au, <http://www.colloid-oz.org.au>.

5.63 **De Gennes Discussion Conference: From reptation to glassy materials, De Gennes pioneering work in rheology and recent developments**, 2-5 February 2009, Chamonix, France. Info: email: secretary@degennesconference.fr, <http://www.degennesconference.fr>.

5.64 **237th ACS National Meeting**, 22-26 March 2009, Salt Lake City, Utah, U.S.A. Info: ACS Meetings, 1155 16th Street NW, Washington, DC 20036-4899, U.S.A., fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>.

5.65 **5th Zsigmundi-Kolloquium of the German Kolloid-Gesellschaft**, March or April 2009, Bayreuth, Germany. Info: Dr. Andreas Fery, Max Planck Institute of Colloids and Interfaces, D-14424 Potsdam, Germany, phone: +49 (331) 567-9204, email: andreas.fery@mpikg.mpg.de, <http://www.kolloidgesellschaft.uni-essen.de/veranstaltung-eng.html>.

5.66 **13th IACIS International Conference on Surface and Colloid Science in conjunction with the 83rd ACS Colloid and Surface Science Symposium**,

5.66 13th IACIS International Conference on Surface and Colloid Science in conjunction with the 83rd ACS Colloid and Surface Science Symposium,

14-19 June 2009, New York NY, U.S.A. Info: P. Somasundaran, Langmuir Center for Colloids and Interfaces, Columbia University, New York, NY 10027, U.S.A.,

phone: +1 (212) 854-2926, fax: +1 (212) 854-8362,

email: ps24@columbia.edu,

<http://www.columbia.edu/cu/iucrc/icscs09>.

Technical topics:

- * Interfaces and Interphases: Thermodynamics, Structure and Absorption
- * Electrochemistry and Corrosion at Surfaces
- * Surfactants, Self-Assembly, and Membranes
- * Forces and Stability in Colloidal Systems
- * Dynamics of Colloidal Systems
- * Polymers in Solution, at Interfaces, and Colloid-Polymer Interactions
- * Capillarity, Wetting, Thin Liquid Films, and Adhesion
- * Dispersions (Suspensions, Emulsions, Microemulsions, Aerosols, and Foams)
- * Colloids in Biology, Medicine, Food, Agriculture, and Ecology
- * Industrial Applications (Petroleum, Paper, Water Treatment, Mineral Processing)
- * Designed Nanosystems.

5.67 2009 IPCG Conference on Polymer Colloids, 6-11 July 2009, Il Ciocco (Tuscany), Italy. Info: Dr. habil. Wolf-Dieter Hergeth, Wacker Polymer Systems GmbH & Co. KG, Johannes-Hess-Str. 24, 84489 Burghausen, Germany,

phone: +49 (8677) 831-148, fax: +49 (8677) 886-1148 or 837-918,

email: wolf-dieter.hergeth@wacker.com; or Michael Cunningham,

email: Michael.Cunningham@Chee.QueensU.ca.

5.68 **3rd Iberian Colloid and Interface Meeting**, 13-15 July 2009, Granada, Spain. Info: Roque Hidalgo-Alvarez, Grupo de Física de Fluidos y Biocoloides, Dpto. de Física Aplicada, Facultad de Ciencias, Universidad de Granada, Spain, phone: +34 (958) 243-213, fax: +34 (958) 243-314, email: rhidalgo@ugr.es, <http://biocol.ugr.es>.

5.69 **45th IUPAC General Assembly and 42nd IUPAC Congress**, 1-9 August and 2-7 August 2009 respectively, Glasgow, Scotland, U.K. Info: IUPAC Secretariat, P.O. Box 13757, Research Triangle Park, NC 27709-3757, U.S.A., phone: +1 (919) 485-8700, fax: +1 (919) 485-8706, email: secretariat@iupac.org, <http://iupac.chemsoc.org/symposia/2009.html>.

5.70 **23rd Conference of the European Colloid and Interface Society ECIS2009**, first week of September 2009, Antalya, Turkey. Info: Prof. S. Bucak, Yeditepe University, Department of Chemical Engineering, Kayisdagi, 34755 Istanbul, Turkey, phone +90 (21) 6578-1754, email: seyda@yeditepe.edu.tr, <http://www.ecis.at>.

5.71 **44th Hauptversammlung der Kolloid-Gesellschaft** (44th Meeting of the German Colloid Society), 28-30 September 2009, Hamburg, Germany. Main topic: Hybrid Colloids: Integrating inorganic, organic and biological materials. Info: Prof.dr. Stephan Förster, University of Hamburg, Institute for Physical Chemistry, Grindelallee 117, 20146 Hamburg, Germany, phone: +49 (404) 2838-3460, email: forster@chemie.uni-hamburg.de, <http://www.kolloidgesellschaft.uni-essen.de/veranstaltung-eng.html>.

5.72 17th Ostwald-Kolloquium of the German Kolloid-Gesellschaft in conjunction with the Rheology Meeting on Rheological Properties of Colloidal Systems, March 2010, Karlsruhe, Germany. Info: Prof.dr. Heinz Rehage, Lehrstuhl für Physikalische Chemie II, Universität Dortmund, Fachbereich 3 Chemie, Otto-Hahn-Strasse 6, D-44227 Dortmund, Germany, phone: +49 (231) 755-3910, fax: +49 (231) 755-5367, <http://www.kolloidgeellschaft.uni-essen.de/veranstaltung-eng.html>.

5.73 3rd International Conference on Porous Media and Applications in Science, Engineering and Industry, 20-24 June 2010, Italy. Info: Professor Kambiz Vafai, Bourns College of Engineering, Department of Mechanical Engineering, Bourns Hall A363, University of California, Riverside, CA 92521, U.S.A., phone: +1 (951) 827-2135, fax: +1 (951) 827-2899, email: kambiz.vafai@ucr.edu, <http://www.engconfintl.org/10ap.html>.

5.74 14th International Conference on Surface Forces, Summer 2010, Russia (venue and exact dates to be announced later). Info: Dr. Alexandre Emelyanenko, A.N. Frumkin Institute of Physical Chemistry and Electrochemistry, 31 Leninsky prospect, 119991 Moscow, Russia, phone: +7 (495) 955 4625, fax: +7 (495) 955-4443, email: surfor@phych.ac.ru.

5.75 2nd International Soft Matter Conference, July 2010, Granada, Spain. Info: Roque Hidalgo-Alvarez, Grupo de Física de Fluidos y Biocoloides, Dpto. de Física Aplicada, Facultad de Ciencias, Universidad de Granada, Spain, phone: +34 (958) 243-213, fax: +34 (958) 243-314, email: rhidalgo@ugr.es, <http://biocol.ugr.es>.

5.76 14th IACIS International Conference on Surface and Colloid Science, 2012. see item 3.3.

5.77 Future ACS National Meetings

- 238th 16-20 August 2009, Washington DC
- 239th 21-25 March 2010, San Francisco, California
- 240th 22-26 August 2010, Boston, Massachusetts
- 241st 27-31 March 2011, Anaheim, California
- 242nd 28 August - 1 September 2011, Chicago, Illinois
- 243rd 25-29 March 2012, San Diego, California
- 244th 9-13 September 2012, New York, New York
- 245th 7-11 April 2013, New Orleans, Louisiana
- 246th 8-12 September 2013, Indianapolis, Indiana
- 247th 16-20 March 2014, Washington DC*
- 248th 7-11 September 2014, San Francisco, California*

*pending ACS Board of Directors Approval

6 REGIONAL AND PERSONAL NEWS

6.1 Obituary

Professor Günter Kretzschmar, born on August 6, 1927, in Berlin, Germany, died on November 28, 2007, in the same city. After the war he worked as a laboratory assistant before he studied chemistry at the Technical University of Berlin. He finished his studies with a diploma in 1956 and started his scientific work in 1957 at the Deutsche Akademie der Wissenschaften, later Akademie der Wissenschaften der DDR, where he worked until its closing in 1991. His PhD thesis was about dissipative structures at liquid interfaces, defended in 1961 at the Humboldt University Berlin. In 1961 he built up his first research group at the Institute for Fat Chemistry. In 1980, he defended his habilitation and became professor at the Central Institute for Organic Chemistry, where he was later appointed as Head of the Department for Surface Active Materials. From 1992 until his retirement 1995 he was one of the advisors to establish the new Max Planck Institute of Colloids and Interfaces in Berlin-Adlershof (since 1999 located in Potsdam/Golm).

The work of the group of Günter Kretzschmar, founded in the early sixties, was dedicated to fundamental research, in particular to the dynamics of adsorption and desorption of surfactants and proteins, electrical surface phenomena, mixed surface films, insoluble monolayers, and thin liquid films. This group can be seen as the nucleus of surface science in the former GDR and international collaborations with many scientists go back to this time. This includes joined work for example with groups in the former Soviet Union, Bulgaria, Poland, Hungary, The Netherlands, Canada, and Italy. Under his guidance, several international conferences were organised in the GDR, among which the series of "International Congresses on Surface Active Substances" took a prominent position.

The main scientific achievements of Günter Kretzschmar are in the field of dynamic interfacial phenomena. From his initial work on dissipative structures at liquid interfaces he moved into dynamic surface tensions and surface potentials. Studies on the adsorption mechanism of surfactants and the mechanisms of adsorption layer formation were subject of several PhD theses in his group. The oscillating bubble method, presently the most frequently used technique for dilational rheology studies of interfacial layers, goes back to him and his first results were published in 1970. In addition to basic research, many applied topics were also programmed, such as the theory of washing, detergency, formulation of pesticides, coating technology for photographic films, conversion of mineral oils into animal feed. Already in the eighties, the chemical synthesis of surfactants based on sustainable raw material was an actual topic in his department. In a book published in 1995 with Elsevier on the "Dynamics of Adsorption at Liquid Interfaces", many of his scientific achievements were presented.

At the occasion of his 75th birthday and in honour of his contributions to science, in 2002 a Symposium was organised at the MPI of Colloids and Interfaces in Golm, Germany, in which international guests participated. As recently as August 2007, we celebrated his 80th birthday in Berlin, and many former colleagues, co-workers and friends took part in the meeting. We will remember him as an outstanding scientist, good friend and colleague who was always very supportive and generous.

R. Miller
Golm, Germany

6.2 More personal news

Professor Brian Vincent. At the occasion of the retirement of our previous president a symposium, entitled "New Frontiers in Colloid Science" was dedicated to him in London, April 2008. One of the highlights was a black-tie dinner in the venerable atmosphere of the Lords Cricket Ground in London.

Professor P Somasundaran, La von Duddleson Krumb Professor of Surface and Colloid Chemistry at Columbia University, New York, U.S.A., has received the 2007 Engineer of the Year Award from the Malayalee Engineers Association in North America.

6.3 International and Regional News

Australia

Colloid Science: Past, Present and Future - A Celebration of 40 Years of Australian Colloid and Surface Science Student Conferences

The first official Australian Colloid and Surface Science Student Conference (ACSSSC) was held in Sydney in 1968. The conception of the ACSSSC took place earlier than 1968. On several occasions between May 1966 and December 1967, Dr. Tom Healy (University of Melbourne) and Dr. Robert Hunter (University of Sydney) spoke of ways to link their research groups. At that "pre-internet" time, both academics realised that being in Australia, and therefore relatively isolated from the larger colloid and surface science groups in the United Kingdom, the European mainland, and North America, had the risk of limiting their progress in research. Tom and Bob believed that if they united their research groups in some way, they stood a better chance of keeping their research at the frontiers of science. The first informal meeting between these two research groups was held in 1967 with a handful of students. In the several years that followed, the

University of Sydney and University of Melbourne research groups travelled either south or north to continue these meetings, and the number of delegates slowly grew. Greater interest was shown in these symposia by both postgraduate students and staff as the years passed. In the first 10 years, other universities gradually began to participate in the conferences; the University of New South Wales (1972), ANU, Monash University and Flinders University (1973), University of West Australia, West Australian Institute of Technology (1974), University of Queensland (1974), Royal Melbourne Institute of Technology (1976), Swinburne College of Technology, Victorian College of Pharmacy (1977), University of Newcastle, South Australian Institute of Technology, Bendigo College of Advanced Education (1978). During this period, the number of representatives from industry and the CSIRO grew alongside the student population. Recent conferences have consistently attracted delegate numbers in excess of 120.

On Friday 8 June 2007, the RACI Division of Colloid and Interface Science hosted a 40th Anniversary Symposium at the Melbourne Museum to celebrate the longevity and success of this student conference, and to honour the two eminent scientists who initiated the conference series. The 40th anniversary of any happy event is usually a cause for celebration; however this is particularly true when one considers that this milestone is being celebrated for a conference. Since its commencement, the ACSSSC has been an event at which over 1100 different postgraduate students have had the opportunity to present their work to an audience of fellow students, academics or industry representatives. Students were able to present their latest results in a supportive environment, and obtain constructive feedback and suggestions regarding possible research directions. For many, the ACSSSC is the equivalent of receiving a scientific "vitamin shot", with students returning to their universities with a renewed enthusiasm for their research, with fresh new ideas - re-focused on completing their PhD studies and advancing their scientific careers.

For a conference series to last 40 years without showing any sign of waning, a special ingredient must be present. Tom Healy and Bob

Hunter (who have attended every single conference over the 40 years) have injected so much more than their immense knowledge of colloid and surface science into the gatherings; they have enthusiastically adopted the role of mentors for generations of students and staff. and as a result, enjoy the respect and adoration of the Australian colloid and surface science community.

The 40th Anniversary Symposium provided an opportunity for several generations of scientists (all of whom are graduates of the ACSSSC) to reunite to hear presentations that were a mixture of cutting edge colloid and surface science together with fond memories from the past four decades. Franz Grieser, Bruce Firth and David Yates recounted the early years of the conference (1968-1977). Dave Dunstan, Peter Scales, Roger Horn and Bruce Johnson (1978-1987), Lee White, Robert Lamb and Stephen Hyde (1988-1997) highlighted the significant advances in quality and volume of colloid and surface research in Australia during these periods. In addition, Calum Drummond, Paul Mulvaney, William Ducker and Frank Caruso (1998-2007) gave their view regarding the legacy that the conference has given, and continues to give in Australia and overseas. Tom Healy and Bob Hunter both spoke of their memories of the ACSSSC, and the role the conferences have played in mentoring generations of colloid and surface scientists in Australia, many of whom have taken on significant leadership roles both at home and overseas.

On the occasion of the 40th anniversary ACSSC being held from 4-8 February 2008 in Warrnambool, Victoria, it is appropriate to offer hearty congratulations to Tom and Bob. Tom and Bob are genuine National Treasures, and after 40 years, have matured like fine wines; rich and bold with a strong flavour and full of character!

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Denmark

From Denmark your NL-editor received the following message from Mogens Hinge (mh@bio.aau.dk):

A Danish Colloid and Interface Society has started.

We are a happy bunch of chemists, engineers, and industrial partners who decided that there must be a basis for a Danish Colloid and Interface Society - so we started one about one year ago. We have two primary activities: 1) Make technical courses/courses for industry partners whereby we can transfer knowledge about colloids to industry and 2) make a forum where we can talk about colloid science without people looking at us as if we were from an other planet :-).

We have succeeded in the latter objective and we have held a symposium last August (book of abstracts can be found at our homepage). We had 58 participants (purely national) within four different topics. This confirmed the fact that there is an "underground" colloidal activity in Denmark and we intend to continue our activity in the future.

With respect to our first aim, it is too early to conclude anything yet but we are working on it. We need a stronger effort in order to get industry to join.

Those interested, consult our webpage <http://www.colloids.dk> - nothing fancy but functional.

Japan

International Activities of Colloid and Surface Chemistry Division of Chemical Society of Japan

First of all, I would like to express my sincere appreciation to Professor Hans Lyklema for editing the IACIS newsletter for such long time since 1978. This yellow small booklet connects us to the IACIS, and to the colloid and interface scientists of the world with a warm welcome. Professor Lyklema has encouraged the fostering of

international contacts. Therefore, by taking this opportunity of thanking him at his retirement as an editor, I will introduce the international activities of the Division of Colloid and Surface Chemistry of the Chemical Society of Japan (CSJ). Our division members still have enjoyable memories of the 6th IACIS Conference at Hakone in 1988, but there have been more recent activities.

The division founded the Lectureship Award to invite distinguished scientists to our annual meeting in 1995 for promoting international scientific and human exchanges. After the first awards to Professors Gabor Somorjai and Barry Ninham in 1995, we have invited 19 distinguished scientists from all over the world up to 2007. We are hoping to extend our invitations to scientists in a wider variety of research fields from other countries.

Many international symposiums are held in Japan. In 1992, Professors Toyoki Kunitake, Tom Healy and Neal Furlong realized the importance of international collaboration in furthering their work with colloids, thus the Australia-Japan (A-J) Symposium of Colloid and Surface Science was started. This symposium was integrated into the division activities of the Royal Australian Chemical Institute and the CSJ in 2003, and has been alternatively held every one and a half year in Australia and in Japan. We organize the symposium as a part of our annual meeting, therefore, everybody can listen to the papers at the symposium. At the 2007 meeting in Matsumoto where we also had the Australia and Japan symposium, there were 262 oral and 190 poster presentations with 650 participants. The symposium itself attracted more than 100 scientists to share their results and ideas. It has promoted the science on both sides, especially through collaboration and discussion, and also has brought much friendship between scientists in both countries. The symposium even receives contributions from other countries such as Korea, China and India. It has also changed the character of our annual meeting. An international session is always held at the annual meeting though on a smaller scale. All presentations have at least short English abstracts, and we also

have more English presentations especially for posters. We are looking forward to receiving more participants at the annual meetings from abroad, especially from neighboring countries in Asia.

Recently, when Professor Brian Vincent was the President of the IACIS, the division agreed to cooperate with the IACIS for promoting colloid and interface science around the world. We are promoting the IACIS activities and membership in Japan through our newsletters, at the annual meetings, and through the division committee members, though it is difficult to cooperate in the membership payment because the division is operated under the CSJ. We hope to extend our collaboration with the IACIS, and are currently discussing it with Professor Björn Lindman and other committee members of IACIS.

The Colloid and Surface Division of the CSJ was founded in 1976 and represents ca. 1200 members. The current chairperson of the division is Dr. Kazutami Sakamoto (Seiwa Kasei Co., Ltd.). The vice chairpersons are Dr. Noboru Naito (Kose Co.), and Professor Kazue Kurihara (Tohoku University) who also serves as the chairperson of the international relation committee of the division.

Communicated by Kazue Kurihara (Council member of IACIS)
Tohoku University, Sendai

7 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. Mentioning 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 editor of this Newsletter.

7.1 Books 2005

Elias H.-G., **Macromolecules Vol. 1: Chemical Structures and Syntheses**, Wiley, US\$290.00, ISBN 978-352-731-1729.

7.2 Books 2007

Aguilar M., Cortina J.L., **Solvent Extraction and Liquid Membranes: Fundamentals and Applications in New Materials** (Ion Exchange and Solvent Extraction Series), CRC Press, US\$159.95, ISBN 978-082-474-0153.

Balakrishnan V., **Elements of Nonequilibrium Statistical Mechanics**, CRC Press, US\$99.95 / £52.99, ISBN 978-142-007-4192.

Bogdal D., Prociak A., **Microwave-Enhanced Polymer Chemistry and Technology**, Wiley, US\$200.00 / £100.00 / €159.00, ISBN 978-081382-5373.

Elias H.-G., **Macromolecules Vol. 2: Industrial Polymers and Syntheses**, Wiley, US\$290.00, ISBN 978-352-731-1736.

Everall N., ed., **Vibrational Spectroscopy of Polymers**, Wiley, US\$260.00 / £130.00 / €205.00, ISBN 978-047-001-6626.

Gressley W., **Polymeric Liquids & Networks: Dynamics: Dynamics and Rheology**, Taylor&Francis, £65.00, ISBN 978-081-534-1710.

Hecht S., Huc I., eds., **Foldamers: Structure, Properties, and Applications**, Wiley, US\$215.00 / £115.00 / €159.00, ISBN 978-352-731-5635.

Hutchison J., Kirkland A., eds., **Microscopic Views of the Nanoworld**, RSC Publishing, £79.00, ISBN 978-085-404-2418.

Pelesko J.A., **Self Assembly**, CRC Press, US\$59.95, ISBN 978-158-488-6877.

Radovic L.R., ed., **Chemistry and Physics of Carbon Vol. 30**, CRC Press, US\$199.95 / £109.00, ISBN 978-142-004-2986.

Robson Wright M., **An Introduction to Aqueous Electrolyte Solutions**, Wiley,
hardbound: US\$180.00 / £90.00 / €145.00, ISBN 978-047-084-2935;
paperback: US\$75.00 / £37.50 / €59.90, ISBN 978-047-084-2942.

Rodriguez J.A., Fernández-García M., eds., **Synthesis, Properties, and Applications of Oxide Nanomaterials**, Wiley, US\$130.00 / £71.50 / €115.00, ISBN 978-047-172-4056.

Schnabel W., **Polymers and Light : Fundamentals and Technical Applications**, Wiley, US\$190.00 / £100.00 / €139.00, ISBN 978-352-731-8667.

Staikov G.T., ed., **Electrocrystallization in Nanotechnology**, Wiley, US\$175.00 / £90.00 / €129.00, ISBN 978-352-731-5154.

Wohlfarth C., **CRC Handbook of Liquid-Liquid Equilibrium Data of Polymer Solutions**, CRC Press, US\$289.95 / £160.00, ISBN 978-142-006-7989.

7.3 Books 2008

Andrady A.L., **Science and Technology of Polymer Nanofibers**, Wiley, US\$94.95 / £50.50 / €79.90, ISBN 978-047-022-9842.

Atwood J.L., Steed W., eds., **Organic Nanostructures**, Wiley, US\$190.00 / £100.00 / €139.00, ISBN 978-352-731-8360.

Biresaw G., Mittal K.L., **Surfactants in Tribology**, CRC Press, \$152.96, ISBN 978-142-006-0072.

Cammi R., Mennucci B., eds., **Continuum Solvation Models in Chemical Physics**, Wiley, US\$270.00 / £135.00 / €215.00, ISBN 978-047-051-5235.

Characterization and Analysis of Polymers, Wiley, US\$295.00 / £155.00 / €245.00, ISBN 978-047-172-5435.

Eftekhari A., ed., **Nanostructured Materials in Electrochemistry**, Wiley, US\$200.00 / £110.00 / €149.00, ISBN 978-352-731-8766.

Elias H.-G., **Macromolecules Vol. 3: Physical Structures and Properties**, Wiley, US\$270.00 / £135.00 / €199.00, ISBN 978-352-731-1743.

Fulay P., **Electronic, Magnetic and Optical Materials** (Advanced Materials and Technologies Series), CRC Press, US\$99.95, ISBN 978-084-939-5642.

Gnanou Y., Fontanille M., **Organic and Physical Chemistry of Polymers**, Wiley, US\$99.95 / £52.95 / €82.90, ISBN 978-047-172-5435.

Gupta R., Kennel E., **Polymer Nanocomposites Handbook**, CRC Press, \$139.95, ISBN 978-084-939-776.

Hierold Chr., ed., **Carbon Nanotube Devices** (Advanced Micro and Nanosystems Series), Wiley, US\$215.00 / £115.00 / €159.00, ISBN 978-352-731-7202.

Julian M.M., **Foundations of Crystallography with Computer Applications**, CRC Press, \$89.95, ISBN 142-006-0759.

Mittal K.L., Pizzi A., **Handbook of Sealant Technology**, CRC Press, \$169.95, ISBN 084-939-1628.

Öchsner A., Murch G.E., de Lemos J.S., eds., **Cellular and Porous Materials**, Wiley, US\$200.00, ISBN 978-352-731-9381.

Severn J.R., Chadwick J.C., eds., **Tailor-Made Polymers**, Wiley, US\$190.00 / £100.00 / €139.00, ISBN 978-352-731-7820.

Tabata O., Tsuchiya T., eds., **Reliability of MEMS** (Advanced Micro and Nanosystems Series), Wiley, US\$215.00 / £115.00 / €159.00, ISBN 978-352-731-4942.

Waser W., ed., **Nanotechnology Vol. 3: Information Technologie I**, Wiley, US\$200.00 / £110.00 / €149.00, ISBN 978-352-731-7387.

Zhang S., Li L., **Materials Characterization Techniques**, CRC Press, \$99.95, ISBN 978-142-004-2948.

8 NEWSLETTER IDEAS AND INFORMATION

All members are invited to send their suggestions on the contents, 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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