



*International Association of Colloid
and Interface Scientists*

NEWSLETTER NO. 37

MARCH 2004

EDITED BY J. LYKLEMA

NEWSLETTER NO. 37

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1 ABOUT THE NEWSLETTER / FROM YOUR NEWSLETTER EDITOR

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

So far, I have edited 37 Newsletters. The task is not too heavy and I receive much help from my secretary, Mrs. Willy Kleijne. Moreover, I am happy to add that many people around the world contribute by supplying items for the next NL. I appreciate all this help and, please, continue to keep me informed about relevant meetings, books and developments.

The conference agenda (item 6 of this NL) is not only meant to fill the travel agenda of IACIS members, but also to assist planners to look ahead and avoid overlap. Hence, please keep me posted, even if your plans are only provisional.

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.

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3 IACIS NEWS

3.1 Presidential message

12 December 2003

I took over as the 11th President of IACIS from Dimo Platikanov in September 2003 at the 11th International Conference on Surface and Colloid Science (ICSCS) in Iguassu Falls, Brazil. Let me start by thanking Dimo very sincerely for all he did for IACIS during his three years as President. As it is only practical for the full IACIS Council to meet at the triennial International Conferences, the Standing Committee of Council (consisting of The President, The President-elect, The Immediate Past President, The Secretary and Treasurer, and The Newsletter Editor) manages its affairs in the interim. Dimo was an excellent chair of the Standing Committee, and made sure we all responded diligently to matters that arose! His most important achievements, however, was firstly to liaise with Fernando Galembe and his organising committee to ensure the success of the 11th ICSCS in Brazil, and

then to lay the foundations for the 12th meeting to be held in Beijing in October 2006. Prof Rong Guo from Yangzhou University will chair the organising committee for that conference. For very good reasons, Rong Gao was unable, at the last moment, to come in person to Iguassu Falls, but it was a pleasure to meet, in his place, his deputy, Dr. Xiao Chen, from the "Key Lab for Colloid and Interface Chemistry of the Education Ministry".

The Iguassu Falls meeting was a great success! For this we must sincerely thank Fernando Galembeck (from Brazil) and Miguel Blesa (from Argentina), and their team for all they did. It was not easy for them, given the prevailing economic situation in South America. However, everything ran very smoothly once we all arrived, and we could not have been hosted better. 454 Registered researchers from 32 countries and 31 companions attended, and it was particularly pleasing to see so many younger faces at the meeting – they are the future of our science! The scientific programme, with several concurrent sessions, was first-class. The IACIS lecture this time was delivered, in his own inimitable style, by Professor Egon Matijević, himself a former IACIS President (1983–1986). He gave an excellent overview of his pioneering work in the controlled synthesis of inorganic particles. Then, of course, there was the unforgettable local scenery! Anybody who took the boat ride *under* the Falls will certainly remember it!

Several matters emerged from the IACIS Council meeting, which were also presented to, and discussed by, the members present at an open meeting at the conference. First and foremost was the announcement of the next IACIS President, for 2006–2009, namely Professor Bjorn Lindman from Lund University. Many congratulations to Bjorn, and I look forward to working closely with him in his capacity as President-elect. An important issue is the relationship of IACIS with similar organisations, in particular those operating on a regional basis. How can we interact more fruitfully, in order to plan future international meetings, etc ? Is some form of "collaborative" membership possible? Several discussions, to varying extents, have been held already with organisations such as the European Colloid and Interface Society, the European Chemistry at Interfaces Conferences, The Japanese

Chemical Society, The Royal Australian Chemical Institute, and the American Chemical Society. It is one of my major objectives in the next three years, together with the other members of the Standing Committee, to see how we can best go forward with these ideas. Another matter that was discussed in Iguassu was the best use we can make of our (very limited!) budget in IACIS, to best benefit our members. After all IACIS is a society of individuals, not of large organisations. IACIS does support, in a limited way, one or two other meetings in our field each year when asked for some financial aid. To date, we have not asked specifically for any reports on how that money was used. It was agreed at Iguassu that any such amounts given to conference organisers in future should be used for bursaries (to be called "IACIS bursaries") to help any potential participants, presenting material, who would have financial problems regarding travel costs. Obvious examples might be young academics just starting, retirees or persons from third-world countries. We would not, of course, exclude PhD students and postdocs from this list, but many countries do now have special schemes or funds to help such persons with travel to conferences.

Another important task for the Standing Committee is to help Rong Guo and his team, as best we can, with their preparations for the 12th ICSCS in China in 2006. I, for one, am looking forward very much to meeting the many (and rapidly growing number of!) colleagues in our field in China. Then we have to consider 2009, and the 13th ICSCS. We would like to make the announcement, before or at, the Beijing meeting. May I take this opportunity, on behalf of the Standing Committee, to invite any one who might be interested in organising this meeting to contact me in the first instance, so we can discuss what is needed. The deadline for full submissions of applications will be mid-2005. The full body of Council will then make the final decision.

Finally, just to mention that IACIS will be 25 years old in 2004! IACIS was formally launched in 1979 in Stockholm, at the third international Congress in Colloid and Surface Science (the first of these had been held in Budapest in 1975, and the second in Puerto Rico in 1976). The Provisional IACIS Council set up in 1979 appointed Geoff Parfitt as its first President, with

Deryagin, Matijević and Weiss as Vice-Presidents. Becker from Munich was the secretary. The other first Council members were Healy, Lyklema, Shedludko, Stenius, Suito, Saraga, Tezak, Wolfram, Silberberg and Somorjai. The first *formal* IACIS Council was elected from a membership at that time of 227 in Jerusalem in 1981; all the above persons were elected, together with Overbeek and Everett. Parfitt retained the Presidency until 1983, when Matijević took over. The current membership of IACIS is ca. 500 persons. There are obviously many more potential members out there. How can we bring them in? If you have any thoughts, I would be delighted to here from you on this – or any other matter!

With my best wishes for 2004,

Brian Vincent, president
brian.vincent@bristol.ac.uk

3.2 With Dr. Dieter Vollhardt as the guest editor a special Festschrift of Colloids & Surfaces A is in preparation to commemorate the silver jubilee of IACIS and the 250th issue of that journal.

Hans Lyklema

3.3 From the Secretary-Treasurer

Together with this Newsletter you will receive

- * a draft for an updated Constitution. *Please express your (dis)approval by mail or email - for details see the accompanying letter.*
- * a new List of Members.

In this Newsletter you will find

- * The financial report September 2002-September 2003.
- * The new Council of IACIS (including e-mail addresses). The new President-elect and six "junior" Council Members which were chosen in the election round in the middle of 2003.
- * Some information about the 11th ICSCS in Iguassu, September 15-19, 2003 (taken from a report by the Conference chairmen F. Galembeck and M. Blesa).
- * Report on the Council Meeting and the General Assembly in Iguassu.

3.3.1 Financial Report September 2002/September 2003

in Totals

Balance per September 1, 2002

€ 7,384 € 7,384

Receipts

Membership fees

€ 7,810

Interest

€ 24

€ 7,834
€ 15,218

Payments

Sponsoring

(Minsk, Vladimir, Iguaza Falls)

€ 4,000

Bank costs

€ 117

Mailing

€ 3,523

Printing p.m. € 1419

€ 0

Costs (credit cards, cheques)

€ 582

IUPAC-fee

€ 50

Salary secretary

€ 1,600

€ 9,873

Balance per September 1, 2003

€ 5,345
€ 15,218

Hungarian Funds

Balance Hungarian Funds per September 1, 2003 HuF 155,942 € 612

Amounts are rounded.

For conversion the rate US\$ 1.00 = € 1.00 and HuF 1000 = € 3.92 is used.

Number of members September 1, 2002 483

Number of members September 1, 2003 503

3.3.2 The Council 2003 - 2006

Standing Committee

President:

Brian Vincent (Great Britain) - brian.vincent@bristol.ac.uk

Immediate Past President:

Dimo Platikanov (Bulgaria) - platikanov@chem.uni-sofia.bg

President-elect:

Bjorn Lindman (Sweden) - Bjorn.Lindman@fkem1.lu.se

NL Editor:

Hans Lyklema (Netherlands) - Hans.Lyklema@wur.nl

Hon. Secretary and Treasurer:

Gerard Fleer (Netherlands) - Gerard.Fleer@wur.nl

Ordinary Members

John Anderson (U.S.A.) - johna@cit.cmu.edu

Sandor Barany (Hungary) - akmsab@gold.uni-miskolc.hu

Jan Czernecki (Canada) - czamecki.jan@syncrude.com

Fernando Galembeck (Brazil) - fernagal@iqm.unicamp.br

Paul Luckham (Great Britain) - p.luckham01@ic.ac.uk

Jarl Rosenholm (Finland) - jrosenho@abo.fi Senior

Ludmila Boinovich (Russia) - ame@phycs.ac.ru Junior

Martien Cohen Stuart (Netherlands) - Martien.CohenStuart@wur.nl

Dotchi Exerowa (Bulgaria) - exerowa@ipchp.ipc.bas.bg

Kazuo Kurihara (Japan) - kurihara@tagen.tohoku.ac.jp

John Ralston (Australia) - John.Ralston@unisa.edu.au

John Walz (U.S.A.) - john.walz@yale.edu

Co-opted Members

Ferenc Csmpesz (Hungary) - csf@ludens.elte.hu

Anatoly Rusanov (Russia) - rusanov@rus.usr.pu.ru

Shlomo Magdassi (Israel) - magdassi@cc.huji.ac.il

Miguel Blesa (Argentina) - miblesa@cnea.gov.ar

Rong Guo (China) - guorong@mail.yzu.edu.cn.

3.3.3 Report on the 11th International Conference on Surface and Colloid Science, Iguassa Falls, September 15-19, 2003

Participation

Participation in this conference reached 454 registered researchers from 32 countries and 31 companions. Table 3 gives the numbers of participants by country.

Student and young post-doc participation was high, showing a positive response from many countries. This was certainly facilitated by the grants offered by the organizing committee, aiming at attracting a young audience for the ICSCS series as well as enlarging the enrollment in IACIS.

Local participation was higher than originally expected, both from Brazil and Argentina. However, only four researchers from two other South-American countries participated.

Scientific Content

The conference was organized around the topics listed in Table 1. Two special symposia were part of the programme: a Symposium on Gold Nanocolloids and the Fourth International Symposium on Colloids in Oil Production (ISCOP).

Table 1. Numbers of Oral and Poster Submitted Contributions According to the Section Topic or Symposium

	Oral	Poster
Gold Nanocolloids Symposium	10	0
Symposium on Colloid Chemistry in Oil Production	14	8
Biocolloids and Biological Applications	12	15
Environmental Colloidal Science	15	14
Surfactants and Polymers	37	25
Interfaces and Adsorption	60	33
Colloidal Dispersions	30	26
Self-Assembly and Structured Fluids	38	21
Charged Particles and Interfaces	10	11
Nanostructures and Nanotechnology	33	18
Colloid Stability	25	6
Technology and Applications	18	10

Table 2. Invited and submitted contributions to the 11th ICSCS

Plenary Lectures and IACIS Lecture	5
Invited Lectures	44
Number of Papers Submitted	582
Oral Presentations	302
Poster Presentations	187
Cancelled	44

Table 3. Numbers of registered participants from different countries

Country	Number
Argentina	42
Australia	33
Austria	01
Belgium	02
Brazil	119
Bulgaria	02
Canada	07
Chile	02
China	02
Colombia	02
Egypt	01
France	24
Germany	28
Hungary	08
India	02
Israel	06

Country	Number
Italy	13
Japan	32
Kuwait	01
Mexico	02
The Netherlands	06
Norway	05
Poland	05
Portugal	05
Russia	05
Slovenia	01
South Korea	01
Spain	14
Sweden	09
Turkey	04
United Kingdom	35
U.S.A.	35

3.3.4 IACIS Council Meeting, September 16, 2004, Iguassu, Brazil

Present: four of the five members of the (old) Standing Committee, 13 Council Members, and Dr. Xiao Chen (representing Prof. Rong Guo, chairman of the 12th ICSCS, Beijing, 2006).

Topics discussed:

1. Election results. Number of votes 119, circa 25% of the members. The six chosen "junior" members are listed above. The list of co-opted members, as proposed by the Standing Committee, is approved.
2. F. Galembeck and M. Blesa report on the many problems encountered in organising the Conference, mainly due to economic circumstances and currency fluctuations. Both organisers stress the difficulties in having a binational organising committee. In the end, F. Galembeck did most of the work; his efforts are greatly appreciated by the Council.
3. Financial report, as reproduced above.
4. Relation between IACIS and regional organisations.
B. Vincent and D. Platikanov have been in contact with H. Möhwald from ECIS (European) about how to co-ordinate, exchange information, and avoid clashes in conferences (like the IACIS Conference in Brazil in the 3rd week of September, and the ECIS Conference in Italy in the 4th week). The option of a joint membership, e.g. ECIS members becoming also IACIS members at a reduced fee, and a "corporate" collection of the IACIS fees by ECIS, is extensively discussed. No final decision can be taken at this point, but the Standing Committee is authorised to negotiate further. When these negotiations are successful, similar contacts with other regional organisations may follow; however, the organisation, registration, and collecting of the fees differ widely around the world. Nevertheless, there are clear signs that various regional organisations would be interested. In the end, IACIS could grow out to a truly worldwide umbrella organisation co-ordinating activities in colloid and

interface science. Clearly, the regional organisations remain fully independent: IACIS co-ordinates, it does not rule.

5. Increasing IACIS membership. When the point discussed above can be realised, IACIS would strongly grow. Another option would be to offer non-IACIS members participating in IACIS-sponsored meetings (which provide a reduction in registration fee for IACIS members) and who pay the full registration fee the IACIS membership.
6. Annual fee. Awaiting the further developments as sketched above, the fee will for the moment remain unchanged.

7. IACIS bursaries. B. Vincent proposes that the IACIS sponsoring for conferences be used by the organisers for individual bursaries (to be decided by the organising committee, which has to report to IACIS the names of the sponsored individuals). After some discussion this proposal is accepted.

8. China 2006. Xiao Chen reports on the situation in China with respect to the 12th ICSCS. A lengthy discussion follows on the fixing of the date. Issues are the climate (the summer months are too hot and too wet) and other meetings (ECIS, last week of September). The final decision is the 3rd week of October, start October 17th.

9. Ideas for later conferences. Preliminary proposals for 2009 have been received from groups in Europe and in North America. Since Europe has hosted this ICSCS meeting relatively often and rather recently (Bristol, Sofia) the Council is in favour of the latter choice. Contacts with specific groups will follow. K. Karihara proposes Japan for 2012; this idea is favourably received.

10. Miscellaneous. B. Vincent takes over the Presidency and thanks D. Platikanov for his outstanding work over the past three years.

G. Fleer mentions that he will resign in a few years time, so that a new Secretary-Treasurer has to be found. This might be an opportunity to transfer the administrative center of IACIS to another group active in Colloid and Interface Science. Despite the fact that the Council seems to prefer to find a Wageningen successor, the option still exists.

3.3.5 General Assembly, September 18, 2004, Iguassu, Brazil

Some 40 members attend the General Assembly. The points discussed are largely the same as in the Council Meeting (in less detail) and the members broadly agree. Therefore, there is no need for a separate report.

G.J. Fleer, Secretary-Treasurer

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, 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
 9th Conference, Sofia, Bulgaria, 1997
 10th Conference, Bristol, U.K., 2000
 11th Conference, Iguassu Falls, Argentina/Brazil, 2003
 Future: 12th Beijing, China, 2006 - See item 6.77.

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
- 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
- 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.

5 IUPAC NEWS

- 5.1 In the IUPAC Series on Analytical and Physical Chemistry of Environmental Systems a new volume was published: *Physicochemical Kinetics and Transport at Biointerfaces*. Editors are Herman P. van Leeuwen and Wolfgang Köster. See also item 8.4: Books 2004.

5.2 Definitions, Terminology and Symbols in Colloid and Surface Chemistry - internet edition

Since colloid and surface chemistry are subdivisions of physical chemistry, and there is substantial overlap between these and other fields, it is important that terms in colloid and surface chemistry should not be used in a sense different from that common to physical chemistry in general or to its other subdivisions. On the other hand, it is equally important to avoid inconsistencies between the meanings of terms employed in scientific aspects of colloid and surface chemistry, and the same terms used in industrial, engineering and technological contexts. For these reasons in 1972 the IUPAC *Manual on Definitions, Terminology and Symbols in Colloid and Surface Chemistry*, was prepared by Everett. The Manual consists of three sections: (1) definitions and terminology, with recommendations for appropriate symbols; (2) a list of recommended symbols; and (3) an alphabetical index of terms defined, together with the corresponding symbols.

As the Manual has lost very little of its significance IUPAC decided to reproduce the Manual for consultation through Internet to make its contents optimally available. In order to pay attention to *complementary more recent recommendations* in Colloid and Surface Chemistry annotations are added as footnotes. Initially the text at the website was a copy of the original manuscript with a poor legibility. In the new version the legibility is excellent because the text is electronically transformed to the website.

The new web version can be found at

http://www.iupac.org/reports/2001/colloid_2001/manual_of_s_and_t/

In the web version the contents can be reached per section and/or listed keywords. For those who want to have a hard copy of the manual a pdf file is available at

http://www.iupac.org/reports/2001/colloid_2001/manual_of_s_and_t.pdf.

So in case you are not sure about a term or a symbol in colloid and surface chemistry direct help is available. Just pay a visit to the website to inform yourself!

Luuk Koopal
Member of the IUPAC Division I Commission
Wageningen, January 2004

6 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.

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

6.01 Grenzflächenbestimmte Systeme und Prozesse, 1-2 March 2004, Golm (near Potsdam), Germany. Info: GVC.VDI-Gesellschaft Verfahrenstechnik und Chemieingenieurwesen, Postfach 101139, D-40002 Dusseldorf, Germany, fax: +49 (211) 621-4162, email: gvc@vdi.de.

6.02 International Congress on Engineering and Food ICEF9, 7-11 March 2004, Montpellier, France. Info: Société de Chimie Industrielle, 28 rue Saint-Dominique, 75007 Paris, France, phone: +33 (1) 5359 0216, fax: +33 (1) 4555 4033, email: Icef9.organis@scifrance.org, <http://www.scifrance.org/congres/icef9>.

6.03 International Conference Particles 2004, 6-9 March 2004, Orlando, Florida, U.S.A. Info: Melanie Martin, Particles 2004, 265 Clover Street, Rochester, NY 14610-2246, U.S.A., phone: +1 (585) 288-5913, fax: +1 (585) 482-7795, email: martin@nanoparticles.org, <http://nanoparticles.org/Particles2004/>.

6.04 3rd San Luis Symposium on Surfaces, Interfaces and Catalysis, 15-19 March 2004, Mérida, Venezuela. the research areas covered will include:

- * Theoretical methods in surface science
- * Novel experimental techniques, including model systems
- * Heterogeneous catalysis

* Surface science in semiconductors, tribology, biology, and other fields. Info: Prof. F. Zaera, Department of Chemistry, University of California at Riverside, Riverside, CA 92521, U.S.A., phone: +1 (909) 787-5498, fax: +1 (909) 787-3962/-4713, email: francisco.zaera@ucr.edu, <http://www.chem.ucr.edu/groups/Zaera/SanLuisIII/index.shtml>.

6.05 Molecular Modeling of Macromolecules, 17-20 March 2004, Hilton Head Island, South Carolina, U.S.A. Organised by the Division of Polymer Chemistry of the American Chemical Society. Info: L. Robertson, Division of Polymer Chemistry, Inc., Virginia Tech, 410 Davidson Hall, M.C. 0279, Blacksburg, VA 24061, U.S.A., phone: +1 (540) 231-3052, fax: +1 (540) 231-2588, email: lesiar@vt.edu, <http://www.polyacs.org>.

6.06 Zeolite Molecular Sieves: EuroConference on Guest-Functionalised Molecular Sieve Systems, 20-25 March 2004, Hattingen (near Essen), Germany. Info: Valérie Allspach-Kiechel, EURESCO Office, phone: +33 (3) 8876-7135, fax: +33 (3) 8836-6987, email: euresco@esf.org, <http://www.esf.org/euresco>.

6.07 12th Wolfgang-Ostwald Colloquium on the occasion of the retirement of Gerhard Lagaly: Inorganic Colloid Science - Importance of Layered Materials, 25-26 March 2004, Kiel, Germany. Info: Mrs. Britta Bahn, Institut für Anorganische Chemie, Otto-Hahn-Platz 6/7, D-24098 Kiel, Germany, phone: +49 (431) 880-3261, fax: +49 (431) 880-1608, email: b.bahn@email.uni-kiel.de.

6.08 227th ACS National Meeting, 28 March - 1 April 2004, Anaheim, California, U.S.A. Info: ACS Meetings, 1155 16th Street N.W., Washington DC 20036-4899, U.S.A., phone: +1 (800) 275-558, fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>. Tentative listing of symposia:

- * ACS Awards Symposium
- * Symposium in Memory of Arthur W. Adamson: Nanoscience and Nanotechnology
- * Microgravity Experiments in Colloid and Surface Chemistry
- * The Science and Engineering of Catalyst Preparation
- * Friction, Lubrication, and Adhesion in Micro- and Nanoscale Devices
- * Vibrational Analyses of Dry and Wet Surfaces
- * Environmental Colloids
- * Biocolloids
- * "Smart Polymers" on Surfaces and Colloids
- * Poster Session: Fundamental Research in Surface and Colloid Chemistry.

6.09 30èmes Journées d'Etude des Equilibres entre Phases, 31 March - 1 April 2004, Metz, France. Info: C. Mitsch, Laboratoire de Chimie et Applications - E.A. 3471, Université de Metz, Rue Victor Demange, F-57500 Saint-Avold, France, phone: +33 (3) 8793-9100, fax: +33 (3) 8793-9101, email: Jeep2004@jut.univ-metz.fr, <http://jeep2004.ifrance.com>.

6.10 1st Zsigmondy Colloquium of the German Colloid Society, 1-2 April 2004, Mainz, Germany. Info: Doris Vollmer, MPI for Polymer Research, D-55128 Mainz, Germany, fax: +49 (6131) 379-100, email: zc04@mpip-mainz.mpg.de, <http://www.mpip-mainz.mpg.de/zc04> or www.kolloidgesellschaft.de.

6.11 5th International Symposium on Polymers in Dispersed Media PDM2004: Colloids: from preparation to applications, 4-8 April 2004, Lyon, France. Info: A. Elaissari, Macromolecular Systems and Human Immunovirology, CNRS-Biomérieux, MR-2142, ENS de Lyon, 46 allée d'Italie, 69364 Lyon cedex, France, phone: +33 (4) 7272-8134, fax: +33 (4) 7272-8533, email: Hamid.Elaissari@ens-lyon.fr, <http://www.ens-lyon.fr/CNRS-bioMerieux/PDM2004>.

6.12 International Symposium on Polymers in Dispersed Media: Colloids: from Preparation to Applications, 4-8 April 2004, Lyon, France. Info: T. McKenna, LCPP-CNRS/ESCPE-Lyon, Bât. F308, 43 Boulevard du 11 Novembre 1918, 69616 Villeurbanne Cedex, France, phone: +33 (4) 7243-1775, fax: +33 (4) 7243-1768, email: PDM2004@cpe.fr, <http://www.ens-lyon.fr/CNRS-bioMerieux/PDM2004>.

6.13 Soft Matter, Biology and Statistical Physics, 7-9 April 2004, Les Houches, France. Info: <http://www.sptt.cea.fr/colloques/houches4>.

6.14 Food Colloids 2004: Interactions, Microstructure and Processing, 18-21 April 2004, Harrogate, United Kingdom. The six main themes will be:

- * Gels
 - * Colloidal interactions
 - * Adsorbed layers
 - * Protein functionality
 - * Foams
 - * Sensory perception
 - * Structure control
 - * Processing and imaging
- Info: Colloids Conference Office, Procter Department of Food Science, University of Leeds, Leeds LS2 9JT, U.K., email: E.Dickinson@leeds.ac.uk (Prof. E. Dickinson, scientific enquiries) or conference@foodcolloids.com (Mr. Caroline Eliot, all other enquiries), <http://www.foodcolloids.com/conference2004>.

6.15 9th World Filtration Congress WFC9, 18-22 April 2004, New Orleans, Louisiana, U.S.A. In conjunction with the American Filtration & Separations Society Annual Technical Conference and Exposition. Info: W. Leung, AdvanTech, P.O. Box 758, Sherborn, MA 01770, U.S.A., phone: +1 (508) 650-9196, email: wleung@aol.com, <http://www.wfc9.org>.

6.16 27ème Congrès International FATIPEC, 18-21 April 2004. Aix en Provence, France. Info: afpva@wanadoo.fr.

6.17 International Workshop on Bubble and Drop Interfaces, 25-28 April 2004, Genova, Italy. Info: Libero Liggieri, CNR IENI-GE, via De Marini 6, 16149 Genova, Italy, email: bd2004@ge.ieni.cnr.it, fax: +39 (10) 647-5700, <http://www.ge.ieni.cnr.it/bd2004.html>.

6.18a International Symposium on Non-Equilibrium Colloidal Phenomena, 17-19 May 2004, Miskolc, Hungary. Followed by
6.18b European Symposium on Colloid and Bioparticle Systems, 20-22 May 2004, Cracow, Poland. Info: Prof. Sándor Bárány, 3515 Miskolc-Egyetemvaros, University of Miskolc, phone/fax: +36 (46) 565-110, email: aknbsab@gold.uni-miskolc.hu, or Dr. Piotr Warszynski, Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Ul. Niezapominajek 8, 30-239 Cracow, Poland, phone: +48 (12) 6395121, fax: +48 (12) 425-1923, email: ncwarszy@cyf-kr.edu.pl, <http://www.cyf-kr.edu.pl/~ncwarszy/non-eq.html>.

6.19 103rd Annual Meeting of the Deutsche Bunsengesellschaft für Physikalische Chemie: Biomolecular Interfaces, 20-22 May 2004, Dresden, Germany. Info: Sekretariat of Deutsche Bunsengesellschaft, Varrentrappstrasse 40-42, D-60486 Dresden, Germany, phone: +49 (69) 791-7202, fax: +49 (69) 791-7200, <http://www.bunsentagung.de>.

6.20 International Symposium on Branched Polymers for Performance, 23-26 May 2004, Williamsburg VA, U.S.A. Organised by the Division of Polymer Chemistry of the American Chemical Society. Info: L. Robertson, Division of Polymer Chemistry, Inc., Virginia Tech, 410 Davidson Hall, M.C. 0279, Blacksburg, VA 24061, U.S.A., phone: +1 (540) 231-3052, fax: +1 (540) 231-2588, email: lesiar@vt.edu, <http://www.polyacs.org>.

6.21 The Ian Wark Research Institute International Conference and Workshop on Physical Chemistry of Bio-Interfaces, 23-26 May 2004,

Barossa Valley, South Australia. IUPAC sponsored. The scientific sessions will focus on:

- * Analysis of biomaterials / bio-interactions
- * Design of biocompatible surfaces
- * Non-fouling "stealth" surfaces
- * Interfacial issues in bio-diagnostics
- * Interfaces in drug delivery.

Info: Kathy Prohaska, email: ICWPCBI@unisa.edu.au, fax: +61 (8) 8302-3683, <http://www.iwri.unisa.edu.au/conferences>.

6.22 3rd International Conference on Interfaces Against Pollution IAP2004, 24-27 May 2004, Jülich, Germany. Info: Yasmin Abdel-Fattah, Research Centre Jülich, Conference Service, 52425 Jülich, Germany, phone: +49 (2461) 613-008, fax: +49 (2461) 615-333, email: y.fattah@fz-juelich.de or iap2004@fz-juelich.de, <http://www.fz-juelich.de/iap2004>.

6.23 E-MRS 2004 Spring Meeting of the European Materials Research Society, 24-28 May 2004, Strasbourg, France. Info: P. Siffert, European Materials Research Society, P.O. Box 20, 67037 Strasbourg cedex 2, France, phone: +33 (3) 8810-6343, fax: +33 (3) 8810-6343, email: emrs@phase.c-strasbourg.fr, <http://www-emrs.c-strasbourg.fr>.

6.24 International Engineering Conference on Advanced Embrane Technology, 24-28 May 2004, Irsee, Germany. Info: Engineering Conferences International, 6 MetroTech Center, Brooklyn, NY 11201, U.S.A., phone: +1 (718) 260-3743, fax: +1 (718) 260-3754, email: info@eci.poly.edu, <http://www.engconfintl.org/4aj.html>.

6.25 8th World Conference on Biodegradable Polymers and Plastics, 1-4 June 2004, Seoul, Korea. Info: Prof. S.S. Im, Division of Chemical Engineering, Hanyang University, 17 Haengdang-dong, Seongdong-gu, Seoul 133-791, Korea, phone: +82 (2) 2290-0495, fax: +82 (2) 2297-5859, email: bdpp8@hotmail.com, <http://www.bdpp8.com>.

6.26 17th International Symposium on Polymer Analysis and Characterization ISPAC-2004, 6-9 June 2004, Heidelberg, Germany. Info: Ms. Adele Pienaar, Deutsches Kunststoffinstitut (German Institute for Polymers), Schlossgartenstrasse 6, 64289 Darmstadt, Germany, phone: +49 (6151) 162-305, fax: +49 (6151) 292-855, email: apienaar@dkf.tu-darmstadt.de, <http://www.chem.cmu.edu/ispac>.

6.27 15th Surfactants in Solution Symposium SIS2004, 6-11 June 2004, Fortaleza, Brazil. Info: Mrs. Rosângela B. Simonato, IBILCE/UNESP, Rua Cristóvão Colombo 2265, São José do Rio Preto – SP, 15054000 Brazil, phone: +55 (17) 221-2240, fax: +55 (17) 221-2247, email: sis2004@ibilce.unesp.br, <http://www.ibilce.unesp.br/eventos/sis2004>.

6.28 25ème Journées du Groupe Français des Polymères, section Ouest, 10-11 June 2004, Le Mans, France. Info: Jean-bernard.orvoen@uni-lemans.fr.

6.29 International Electrokinetics Conference ELKIN2004, 13-17 June 2004, Pittsburgh, Pennsylvania, U.S.A. Info: Dennis Prieve, Department of Chemical Engineering, Carnegie Mellon University, Pittsburgh, PA 15213, U.S.A., phone: +1 (412) 268-2247, fax: +1 (412) 268-7139, email: dprieve+@andrew.cmu.edu, <http://www.andrew.cmu.edu/user/dcprieve/ELKIN/start.htm>.

6.30 5th International Symposium on Polyelectrolytes ISP2004, 14-18 June 2004, Amherst, Massachusetts, U.S.A. (Just before the 78th ACS Colloid and Surface Science Symposium at nearby Yale University.) Info: <http://www.pse.umass.edu/polyelectrolytes2004>.

6.31 78th ACS Colloid and Surface Science Symposium, 20-23 June 2004, Yale, U.S.A. The symposium will consist of technical sessions in the areas of:

- * Aerosol Science and Technology
- * Biocolloids and Biointerfaces
- * Colloidal and Interfacial Phenomena in Environmental Systems
- * Colloidal Dispersions
- * Dynamic Behavior of Complex Fluids
- * Microfluidics and Electrokinetics
- * Self-Assembling Systems
- * Surface Science and Fundamentals of Catalysis
- * Synthesis and Applications of Nanoparticles and Nanostructures
- * General Papers in Colloid and Surface Science
- * Posters.

Plenary lectures by Prof. Robert Langer (MIT), Prof. Henk Lekkerkerker (Utrecht), and Prof. Emeritus Martin Klein (Yale). Prof. Klein, a recognized authority on J. Willard Gibbs, will present an overview of Gibbs' life and the impact of his work (Gibbs spent his entire life in New Haven and Yale).

Info: John Walz, Yale University, phone: +1 (203) 432-4382, fax: +1 (203) 432-7232, email: john.walz@yale.edu, or: Menachim Elimelech, Yale University, phone: +1 (203) 432-2789, fax: +1 (203) 432-2881, email: menachem.elimelech@yale.edu, <http://www.eng.yale.edu/ceweb/colloids/2004.htm>.

6.32 6th World Surfactants Congress CESIO 2004, 20-23 June 2004, Berlin, Germany. Info: CPOHanser Service GmbH, P.O. Box 330316, D-14173 Berlin, Germany, phone: +49 (30) 300-6690, fax: +49 (30) 305-7391, email: berlin@cpo-hanser.de, <http://www.cpo-hanser.de>.

6.33 8th International Conference on Surfactants and Detergents 27-30 June 2004, DaLian, China. Info: Ms. Wang Yan or Mr. Liu Hongchen, China Information Center of Daily Chemical Industry, 34 Wenyuan St., Taiyuan, Shanxi, 030001 P.R. China, phone: +81 (351) 412-8323, fax: +86 (351) 406-3237, email: SDCInfo@public.ty.sx.cn, <http://www.cicdci.net.cn>.

6.34 40th IUPAC Symposium on Macromolecules: World Polymer Congress Macro 2004, 4-9 July 2004, Paris, France. Info: Prof. Jean-Pierre Vairon, Laboratoire de Chimie des Polymères, Université Pierre et Marie Curie, Case 185, 4 Place Jussieu, 75252 Paris cedex 05, France, phone: +33 (1) 4427-5045, fax: +33 (1) 4427-7089, email: Macro04@ccr.jussieu.fr, <http://www.upmc.fr/macro2004>.

6.35 7th Dalton Discussion: Ionic and Electronic Properties of Solids, 5-7 July 2004, St. Andrews, U.K. Info: Penny Mohamed, DD7, Royal Society of Chemistry, Burlington House, Piccadilly, London W1J 0BA, U.K., phone: +44 (20) 7437-8656, fax: +44 (20) 7734-1227, email: conferences@rsc.org, <http://www.rsc.org>.

6.36 5th EuroConference on Foams, Emulsions and Applications, 5-8 July 2004, Champs sur Marne, France. Info: EUFOAM 2004 Conference Secretariat, LPMDI, University of Marne-la-Vallée, Building Lavoisier, Cité Descartes, Champs-sur-Marne, 77454 Marne-la-Vallée Cedex 2, France, phone: +33 (1) 6095-7325, fax: +33 (1) 6095-7297, email: eufoam2004@univ-mlv.fr, <http://www.univ-mlv.fr/eufoam2004>.

6.37 5th International Conference on Polymer-Solvent Complexes and Intercalates, 11-13 July 2004, Lorient, France. Info: email: Yves.groshens@univ-ubs.fr, http://www.univ-ubs.fr/12p/Congres_L2P/Index_ICPS15.html.

6.38 43rd PMM Microsymposium on Polymer Biomaterials: Biomimetic and Bioanalogous Systems, 11-15 July 2004, Prague, Czech Republic. Info: Drahomir Vyprachticky, Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Heyrovského nám. 2, CZ-162 06 Prague 6, Czech Republic, phone: +420 (296) 809-332, fax: +420 (296) 809-410, email: sympo@imc.cas.cz, <http://www.imc.cas.cz/sympo/43rdmicros.html>.

6.39 12th International Conference on Liquid and Amorphous Metals LAM12, 11-17 July 2004, Metz, France. Contains surface and interfacial properties as one of the topics. Info: Prof. Jean-Georges Gasser, LPLI Institut de Physique, Université de Metz, 1 Boulevard D.F. Arago, CP 87811, 57078 Metz Cedex, France, phone: +33 (3) 8731-5859, fax: +33 (3) 8731-5884/-5809, email: lam12@sciences.univ-metz.fr, <http://lam12.sciences.univ-metz.fr>.

6.40 36th International Conference on Coordination chemistry, 18-23 July 2004, Merida, Mexico. Info: The Conference Secretariat, Departamento de Química Inorgánica, Facultad de Química, UNAM, Ciudad Universitaria, 04510, Mexico, D.F., Mexico, email: secretariat@iccc36.org, <http://www.iccc36.org>.

6.41 Self-Organising Polymers (Faraday Discussion 128 of the Royal Society of Chemistry), 19-21 July 2004, Leeds, U.K. Info: Christine Hall, FD128, RSC Conference Office, Burlington House, Piccadilly, London W1J 0BA, U.K., phone: +44 (20) 7437-8656, fax: +44 (20) 7734-1227, email: conferences@rsc.org, <http://www.rsc.org/lap/confs/fara128.htm>.

6.42 Polymer Networks 2004, 15-19 August 2004, Bethesda, Maryland, U.S.A. Info: Dr. Ferenc Horkay, Section on Tissue Biophysics and Biomimetics, National Institutes of Health, Bldg. 13, Room 3W16E, 13 South Drive, Bethesda, MD 20892, U.S.A. phone: +1 (301) 435-7229, fax: +1 (301) 435-5035, email: horkay@helix.nih.gov, <http://www.polymer.nichd.nih.gov>.

6.43 228th ACS National Meeting, 22-26 August 2004, Philadelphia, Pennsylvania, U.S.A. Info: ACS Meetings, 1155 16th Street N.W., Washington DC 20036-4899, U.S.A., phone: +1 (800) 275-558, fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>. Tentative list of symposia:

- * Langmuir Lectures
- * Applications of Atomic Force Microscopy in Biomaterial Science
- * Applications of Porous Materials in Environmental Problems
- * Advanced Analytical Techniques to Determine Structural and Property Relationships in New Materials
- * Synthesis and Structure of Organic and Inorganic Oxide Composites
- * Catalysis by Metal Oxides: Comparison Between Bulk Mixed Oxides, Supported Oxides, Oxide Clusters, Organometallic Oxides and Oxide Single Crystals
- * Nanostructures Based on Layered Transition Metal Chalcogenides
- * Surface Energy Characterization of Fibers, Fillers and Paper
- * Surface Chemistry and Cell Biology
- * Complex Fluids
- * Poster Session: Fundamental Research in Surface and Colloid Chemistry.

6.44 5th International symposium on Surface Heterogeneity Effects in Adsorption and Catalysis on Solids ISSHAC-5, 28 August - 4 September 2004, Gdansk, Poland. Info: Prof. Władysław Rudziński, Department of Theoretical Chemistry, Faculty of Chemistry UMCS, 20-031 Lublin, Poland, phone: +48 (81) 537-5633, fax: +48 (81) 537-5685, email: rudzinsk@hermes.umcs.lublin.pl, <http://issnac.org>.

6.45 9èmes Journées de la Matière Condensée de la Société Française de Physique JMC9, 30 August - 3 September 2004, Nancy, France. Info: email: jmc9@u-nancy.fr, <http://jmc9.u-nancy.fr>.

6.46 The Dynamics and Structure of the Liquid-Liquid Interface (Faraday Discussion 129 of the Royal Society of Chemistry), 1-3 September 2004, Cambridge, U.K. Info: Christine Hall, FD128, RSC Conference Office, Burlington House, Piccadilly, London W1J 0BA, U.K., phone: +44 (20) 7437-8656, fax: +44 (20) 7734-1227, email: conferences@rsc.org, <http://www.rsc.org/lap/confs/far129.htm>.

6.47 41st Annual Symposium on Physicochemical Problems of Mineral Processing and 9th International Mineral Processing Meeting, 1-3

September 2004, Szklarska Poręba, Poland. Info: Prof. Z. Sadowski, Wrocław University of Technology, Institute of Mining Engineering, Laboratory of Mining Processing, pl. Teatralny 2, 50-051 Wrocław, Poland, phone: +48 (1) 320-3863/-6879/-6878, fax: +48 (71) 344-8123, email: zygmunt.sadowski@pwr.wroc.pl or jan.drzymala@pwr.wroc.pl or andrew@pwr.wroc.pl, <http://www.ig.pwr.wroc.pl/minproc>.

6.48 9th International Symposium on Particle Size Analysis, Environmental Protection and Powder Technology PORANAL 2004, 5-8 September 2004, Balatonfüred, Hungary. Info: MATE Secretariate, Kossuth Lajos tér 6-8, H-1055 Budapest, Hungary, phone: +36 (1) 332-9571, fax: +36 (1) 353-1406, email: mate@mtesz.hu, <http://www.mate.mtesz.hu>.

6.49 E-MRS 2004 Fall Meeting of the European Materials Research Society, 6-10 September 2004, Warsaw, Poland. Info: P. Siffert, European Materials Research Society, P.O. Box 20, 67037 Strasbourg cedex 2, France, phone: +33 (3) 8810-6343, fax: +33 (3) 8810-6343, email: emrs@phase.c-strasbourg.fr, <http://www-emrs.c-strasbourg.fr>.

6.50 2nd CrystEngComm Discussion, 2004 on New Trends in Crystal Engineering, 8-10 September 2004, Nottingham, U.K. Info: Diana Hort, CECD2004, Royal Society of Chemistry, Burlington House, Piccadilly, London W1J 0BA, U.K., phone: +44 (20) 7437-8656, fax: +44 (202) 7734-1227, email: conferences@rsc.org, <http://www.rsc.org/lap/confs/cecd2004.htm>.

6.51 Euresco Conference on Interfaces and Colloidal Systems: Structure and Dynamics of Polymers and Colloidal Systems, 10-15 September 2004, Gien (near Toulon), France. Info: V. Allspach-Kiechel, EURESCO Office, phone: +33 (3) 8876-7135, fax: +33 (3) 8836-6987, email: euresco@esf.org, <http://www.esf.org/euresco>.

6.52 18th Conference of the European Colloid and Interface Society ECIS'2004, 19-24 September 2004, Almeria, Spain. Info: Prof. F. Javier de las Nieves, Group of Complex Fluids Physics, Department of Applied Physics, University of Almeria, 04120 Almeria, Spain, phone: +34 (9) 5001-5434, email: fjnieves@ual.es, <http://ecis2004.ual.es>.

6.53 International Congress on Potentials and Risks of Nanoscale Materials MATFORUM 2004, 20-21 September 2004, Augsburg, Germany, email: emrs@phase.c-strasbourg.fr, <http://www-emrs.c-strasbourg.fr/MATFORUM2004.pdf>.

6.54 7th International Symposium on Ultra Clean Processing of Silicon Surfaces, 19 (Tutorials) and 20-22 (Conference) September 2004, Brussels, Belgium. Info: UCPSS – Momentum, Industrieweg 3, B-3001 Leuven, Belgium, phone: +32 (16) 404-555, fax: +32 (16) 403-551, email: ucpss@momentum-pco.be, <http://www.ucpss.org>.

6.55 Polycondensation 2004, 26-29 September 2004, Roanoke, Virginia, U.S.A. Info: Prof. J. E. McGrath, Materials Research Institute and Department of Chemistry, Virginia Tech (0344), 2108 Hahn Hall, Blacksburg, VA 24061, U.S.A., phone: +1 (540) 231-5976, fax: +1 (540) 231-8517, email: jmcgrath@vt.edu, or: Prof. Frank Harris, University of Akron, Department of Polymer Science, Akron, OH 44325-3909, U.S.A., phone: +1 (330) 972-5459, fax: +1 (330) 972-5704, email: harris@polymer.uakron.edu, <http://www.polyacs.org>.

6.56 Polymer Design for Biology: Activity and Structure, 3-6 October 2004, Savannah, Georgia, U.S.A. ACS Division for Polymer Chemistry 2004 Biennial. Info: Lesia Robertson, Division of Polymer Chemistry, Inc., Virginia Tech, 410 Davidson Hall, MC 0279, Blacksburg, VA 24061, U.S.A., phone: +1 (540) 231-3052, fax: +1 (540) 231-2588, email: lesiar@vt.edu, <http://www.polyacs.org>.

6.57 Industrial Applications of Renewable Resources: a conference on Sustainable Technologies, 11-14 October 2004, Chicago, Illinois, U.S.A. Info: AOCs, P.O. Box 3489, Champaign, IL 61826-3489, U.S.A., phone: +1 (217) 359-2344, fax: +1 (217) 351-8091, email: general@aocs.org, <http://www.aocs.org/meetings/ia>.

6.58 13th Wolfgang Ostwald Colloquium to commemorate Dieter Horn, 14-15 October 2004, Ludwigshafen, Germany. Info: <http://www.kolloidgesellschaft.uni-essen.de>.

6.59 International Symposium on Inorganic and Environmental Materials ISIEM 2004, 18-21 October 2004, Eindhoven, The Netherlands. Info: Dr. Bert Hintzen, Eindhoven University of Technology, Helix STO 3.25, P.O. Box 513, NL-5600 MB Eindhoven, The Netherlands, phone: +31 (40) 247-3113, fax: +31 (40) 244-5619, or Dr. Kiyashi Itatani, The Society of Inorganics Materials, Japan, #12 Sankyoku Building, 7-13-5 Nishi-Sinjuku, Shinjuku-ku, Tokyo 160-0023, Japan, phone: +81 (3) 3363-6445, fax: +81 (3) 3363-6897, email: ISIEM2004@ceramics.nl, <http://www.ceramics.nl>.

6.60 Modern Techniques in Colloid Science, 16-17 November 2004, Oxford, U.K. Organised by the Colloid Science groups of the Royal Society of Chemistry and the Society of Chemical Industry, and IMPACT Faraday. Contact: Dr. Pete Dowding, email: p_dowding@hotmail.com.

6.61 International Conference on Surface and Colloid Chemistry Applied to Nanoscience, 18-19 November 2004, Lund, Sweden. Info: Tommy Nylander, Physical Chemistry 1, Lund University, Center for Chemistry and Chemical Engineering, P.O. Box 124, S-221 00 Lund, Sweden, phone: +46 (46) 222-4413, fax: +46 (46) 222 4413, email: Tommy.Nylander@kemi.l.se, <http://www.ykoll.fkem1.lu.se>.

2005 and later

6.62 13th International Conference on Surface Forces, 2005, Moscow, Russia. Contact: N.V. Churaev, Academy of Sciences, Institute for Physical Chemistry, Leninski Prospekt 31, Moscow B-312, Russia, phone: +7 (095) 955-4628, fax: +7 (095) 952-5308, email: vsobolev@phycs.ac.ru.

6.63 229th ACS National Meeting, 13-17 March 2005, San Diego, California, U.S.A. Info: ACS Meetings, 1155 16th Street N.W., Washington DC 20036-4899, U.S.A., phone: +1 (800) 275-558, fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>.

6.64 E-MRS 2005 Spring Meeting of the European Materials Research Society, end of May 2005, Strasbourg, France. Info: P. Siffert, European Materials Research Society, P.O. Box 20, 67037 Strasbourg cedex 2, France, phone: +33 (3) 8810-6343, fax: +33 (3) 8810-6343, email: emrs@phase.c-strasbourg.fr, <http://www-emrs.c-strasbourg.fr>.

6.65 79th ACS Colloid and Surface Science Symposium, June 2005, Clarkson, U.S.A. Info: Janos Fendler, Clarkson University, phone: +1 (315) 268-7113, fax: +1 (315) 268-4416, email: fendler@clarkson.edu, <http://www.clarkson.edu/~janoslab>.

6.66 Euroconference on Biomaterials, Biosensors and Analytical Techniques: Biological Surfaces and Interfaces, 18-23 June 2005, San Feliu de Guixois, Spain. Info: B. Kasemo, Department of Applied Physics Chalmers, University of Technology and Göteborg University, 412 96 Göteborg, Sweden, <http://www.esf.org>.

6.67 6th Liquid Matter Conference of the European Physical Society, 2-6 July 2005, Utrecht, The Netherlands. Info: H.N.W. Lekkerkerker, Van 't

Hoff Laboratory, Utrecht University, Padualaan 8, 3584 CH Utrecht, The Netherlands, phone: +31 (30) 253-2547, fax: +31 (30) 253-3870, email: H.N.W.Lekkerkerker@chem.uu.nl, or D. Frenkel, FOM Institute for Atomic and Molecular Physics AMOLF, Kruislaan 407, 1098 SJ Amsterdam, The Netherlands, phone: +31 (20) 608-1234, fax: +31 (20) 668-4106, email: D.Frenkel@amolf.nl.

6.68 43rd IUPAC General Assembly, 13-21 August 2005, Beijing, China. Info: IUPAC Secretariat, phone: +1 (919) 485-8700, fax: +1 (919) 485-8706, email: secretariat@iupac.org, <http://www.iupac.orgsymposia/2005.html>.

6.69 40th IUPAC Congress: Innovation in chemistry, 14-19 August 2005, Beijing, China. Info: Prof. Xibai Qiu, IUPAC-2005 Secretariat, c/o Chinese Chemical Society, P.O. Box 2709, Beijing 100080, China, phone/fax: +86 (10) 6258-157, email: qiuxb@iccas.ac.cn, <http://www.iupac-congress05.org.cn> or <http://wwwwccs.ac.cn/IUPAC2005.htm>.

6.70 230th ACS National Meeting, 28 August - 1 September 2005, Washington DC, U.S.A. Info: ACS Meetings, 1155 16th Street N.W., Washington DC 20036-4899, U.S.A., phone: +1 (800) 275-558, fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>.

6.71 E-MRS 2005 Fall Meeting of the European Materials Research Society, September 2005, Warsaw, Poland. Info: P. Siffert, European Materials Research Society, P.O. Box 20, 67037 Strasbourg cedex 2, France, phone: +33 (3) 8810-6343, fax: +33 (3) 8810-6343, email: emrs@phase.c-strasbourg.fr, <http://www-emrs.c-strasbourg.fr>.

6.72 **42. Hauptversammlung der Kolloid-Gesellschaft e.v.: Schaltbare Materialien: Foams, Gels, Microcapsules**, 26-28 September 2005, Aachen, Germany. Info: W. Richtering, University of Kiel, Institute of Physical Chemistry, Olshausenstrasse 40, D-24098 Kiel, Germany, phone: +49 (431) 880-2831, fax: +49 (431) 880-2830, email: richtering@phc.uni-kiel.de, <http://www.kolloidgesellschaft.uni-essen.de>.

6.73 **International Chemical Congress of Pacific Basin Societies Pacificchem 2005**, 15-20 December 2005, Honolulu, Hawaii, U.S.A. Info: Congress Secretariat c/o American Chemical Society, 1155 16th Street N.W., Washington DC 20036-4899, U.S.A., phone: +1 (800) 275-558, fax: +1 (202) 872-6128, email: pacificchem2005@asc.org, <http://www.pacificchem.org>. The list of symposia includes:

- * Advances in Nanochemistry at Liquid interfaces
- * The Aqueous Chemistry of Silicon
- * Polymer Surface Structure and Dynamics
- * Macromolecules for Photonic Applications
- * Functional Polymer Particles and Particle Assemblies
- * Polymer Nanostructures and Nanoparticles in Polymers
- * Nanoporous Materials: Synthesis and Applications
- * Interfacial Phenomena at Different Length and Time Scales
- * Frontier of Colloid and Interface Chemistry.

6.74 **231st ACS National Meeting**, 26-30 March 2006, Atlanta, Georgia, U.S.A. Info: ACS Meetings, 1155 16th Street N.W., Washington DC 20036-4899, U.S.A., phone: +1 (800) 275-558, fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>.

6.75 **80th ACS Colloid and Surface Science Symposium**, June 2006, Berkeley, U.S.A. Info: C.J. Radke, University of California, Berkeley, U.S.A., phone: +1 (510) 642-5204, fax: +1 (510) 642-4778, email: radke@cchem.berkeley.edu.

6.76 **232nd ACS National Meeting**, 10-14 September 2006, San Francisco, California, U.S.A. Info: ACS Meetings, 1155 16th Street N.W., Washington DC 20036-4899, U.S.A., phone: +1 (800) 275-558, fax: +1 (202) 872-6128, email: natlmtgs@asc.org, <http://www.acs.org>.

6.77 **12th International IACIS Conference on Surface and Colloid Science**, from 17 October 2006, Beijing, China. Info: Prof. Rong Guo, President Yangzhou University, 88 Daxue Road (South), Yangzhou 225009, Jiangsu, China, phone: +86 (514) 797-1850, fax: +81 (514) 735-2262, email: guorong@yzu.edu.cn or fao@yzu.edu.cn, <http://www.yzu.edu.cn/english>.

6.78 **ACS National Meetings**

233rd	25-29 March 2007, Chicago, Illinois
234th	19-23 August 2007, Boston, Massachusetts
235th	6-10 April 2008, San Antonio, Texas
236th	17-22 August, Philadelphia, Pennsylvania
237th	18-28 March 2009, Salt Lake City, Utah
238th	16-21 August 2009, Washington DC
239th	21-26 March 2010, San Francisco, California
240th	22-27 August 2010, New York NY
241st	27-31 March 2011, Anaheim, California
242nd	28 August - 1 September 2011, Chicago, Illinois
243rd	25-29 March 2012, San Diego, California
244th	19-23 August 2012, Boston, Massachusetts.

7 REGIONAL AND PERSONAL NEWS

7.1 Personal News

IACIS regrets the death of

Dr. A.W. Adamson, lately Professor of the University of Southern California, Los Angeles, U.S.A. Professor Adamson became an IACIS council member on January 1st, 1984. The American Chemical Society devotes a symposium to his memory, see item 6.08.

Prof. H.D. Dörfner, and **Dr. D. Horn**, both members of the Kolloid-Gesellschaft, Germany. See also item 6.58.

7.2 International and Regional News

Europe

European Colloid and Interface Society ECIS

President: Prof.dr. M.A. Cohen Stuart, Laboratory of Physical Chemistry and Colloid Science, Wageningen University, P.O. Box 38, 6700 EK Wageningen, The Netherlands,
phone: +31 (317) 482-178, fax: +31 (317) 483-777,
email: Martien.CohenStuart@wur.nl

President-elect: Kenneth Dawson, email: kenneth@fiachra.ucd.ie

General Secretary: Prof.dr. Peter Schurtenberger, Department of Physics, Fribourg University, Chemin du Musée 3, Perolles, CH-1700 Fribourg, Switzerland,

phone: +41 (26) 300-9115/-9060, fax: +41 (26) 300-9747,

email: Peter.Schurtenberger@unifr.ch, <http://www.unifr.ch/physics/mm>.

Germany

After a period of four years Wolfgang von Rybinski retired as the President of the *Kolloid-Gesellschaft e.V.*, Gerhard Lagaly, Secretary, retired after a period of 24 years. The new officers are:

President: Prof.dr. Helmuth Möhwald

Deputy Chairman: Dr. Helmut Auweter

Secretary: Prof.dr. Heinz Rehage, Institut für Physikalische Chemie, Universität Duisburg-Essen, Standort Essen, Fachbereich 8: Chemie, Universitätsstrasse 3, D-45141 Essen, Germany,
phone: +49 (201) 183-3987, fax: +49 (201) 183-3951,
email: heinz.rehage@uni-essen.de, <http://www.agrehage.uni-essen.de>.

U.S.A.

Division of Colloid & Surface Chemistry of the American Chemical Society Officers and Committee Members

Chair: Andrew Gelman, Carnegie Mellon University, Department of Chemical Engineering, 5000 Forbes Avenue, Pittsburgh, PA 15213, U.S.A., phone: +1 (412) 268-3848, fax: +1 (412) 268-7139,
email: ag4b@andrew.cmu.edu.

Chair-elect: James A. Schwarz, Department of Chemical Engineering and Materials Science, Syracuse University, Syracuse, NY 13244, U.S.A.,
phone: +1 (315) 443-4575, fax: +1 (315) 443-2559,
email: jschwarz@syr.edu.

Secretary: Andrew Gilcinski, The Gillette Company, 401 Professional Drive, Gaithersburg, MD 20879, U.S.A.,
phone: +1 (781) 292-8511, fax: +1 (781) 292-8513,
email: Andy_Gilcinski@gillette.com.

Macromolecular Secretariat Representatives (2003-2005):

* Anastasia Morfesis, Malvern Instruments Inc., 10 Southville Rd., Southborough, MA 01772, U.S.A.,
phone: +1 (508) 480-0200, fax: +1 (517) 460-9692,
email: ana_morfesis@malvernusa.com.

* Robert Ofoli, Department of Chemical Engineering, Michigan State University, East Lansing, MI 48824-1226, U.S.A.,
phone: +1 (517) 432-1575, fax: +1 (517) 432-1105,
email: ofoli@agr.msu.edu.

Materials Secretariat Representatives (2003-2005):

- * Raymond A. MacKay, US Army Edgewood, Chemical and Biological Center, Attn: AMSSB-RRT, Aberdeen Proving Ground, MD 21010-5424, U.S.A., phone: +1 (410) 436-3250, fax: +1 (410) 436-2649, email: Raymond.Mackay@SBCCOM.APGEA.Army.mil.
- * Andrew Gillicinski, The Gillette Company, 401 Professional Drive, Gaithersburg, MD 20879, U.S.A., phone: +1 (781) 292-8511, email: Andy_Gillicinski@gillette.com.
- * Deborah Leckband, Department of Chemical Engineering, University of Illinois, 6000 South Matthews Avenue, Urbana, IL 61081, U.S.A., phone: +1 (217) 244-0793, email: leckband@uiuc.edu.

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. 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.

8.1 New Journals

Chemistry & Biodiversity, M. Volkan Kisikirek and B. Testa, eds., Verlag Helvetica Chimica Acta, Vol. 1 (2004) 12 issues, print (ISS 1612-1872) and online (ISSN 1612-1880). More info <http://www.chembiodiv.com>.

Chemistry World, L. Ebdon, editor, Royal Society of Chemistry, Vol. 1 (2004) 12 issues, print version (ISSN 1473-7604) £455/US\$750 (free for RSC members), includes free site-wide online access. More information on www.chemistryworld.org or www.rsc.org/chemistryworld.

8.2 Books 2002

Chang H.-C. and Demekhin E.A., **Complex Wave Dynamics on Thin Films** (Studies in Interface Science 14), Elsevier, €190/US\$190, ISBN 0-444-50970-4.

Hadjichristidis N., **Block Copolymers**, Wiley, €139/£83.50, ISBN 0-4713-9436-X.

Mepheron A., **Introduction to Macromolecular Crystallography**, Wiley, €82.90/£49.50, ISBN 0-4712-5122-4.

Möbius D., Miller R., **Organized Monolayers and Assemblies: Structure, Processes and Function** (Studies in Interface Science 16), Elsevier, €190/US\$190, ISBN 0-444-51256-X.

8.3 Books 2003

Allen T., ed., **Powder Sampling and Particle Size Determination**, Elsevier, ISBN 0-444-51564-X, €200/US\$200.

d'Arrigo J.S., **Stable Gas-in-Liquid Emulsions: Production in Natural Waters and Artificial Media**, 2nd ed. (Studies in Interface Science 19), Elsevier, €200/US\$200, ISBN 0-444-51482-1.

Bart J., **Additives in Polymers: Industrial Analysis and Applications**, Wiley, €275/£165, ISBN 0-4708-5062-0.

Bechstedt F., **Principles of Surface chemistry**, (Advanced Texts in Physics 610), Springer, €79.95/sFr133/£61.50, ISBN 3-540-00635-4.

Birdi K.S., **Scanning Probe Microscopes**, CRC Press, US\$129.95/£87, ISBN 0-8493-0930-1.

Birikh R.V., Briskman V.A., Velarde M.G., Legros J.-C., **Liquid Interfacial Systems: Oscillations and Instability** (Surfactant Science Series 113), Marcel Dekker, US\$165, ISBN 0-8247-4295-8.

Burrows C., **Supramolecular Approaches to the DNA Double Helix**, Wiley, €259/£155, ISBN 0-4708-4905-3.

Butt H.-J., Graf K., Kappl M., **Physics and Chemistry of Interfaces**, Wiley, approx €49/sFr73, ISBN 3-527-40413-9.

Byrappa K., Ohachi T., **Crystal Growth Technology**, (Springer Series in Materials Processing), €149.95/sFr242.50/£115.50, ISBN 3-540-00367-3.

Cahn A., ed., **Proceedings of the 5th World Conference on Detergents: Reinventing the Industry: Opportunities and Challenges**, AOCS Press, hardbound and Cdrom, US\$200 (AOCS Members US\$180), ISBN 1-893997-40-5.

Dai L., **Intelligent Macromolecules for Smart Devices**, (Engineering Materials and Processes), €129, ISBN 1-85233-510-6.

Elaissari A., ed., **Coloidal Polymers - Synthesis and Characterization** (Surfactant Science Series 115), Marcel Dekker, US\$175, ISBN 0-8247-47779-8.

Elaissari A., ed., **Colloidal Biomolecules, Biomaterials, and Biomedical Applications** (Surfactant Science Series 116), Marcel Dekker, US\$175, ISBN 0-8247-4304-0.

Emmerich H., **The Diffuse Interface Approach in Materials Science** (Lecture Notes in Physics / Monographs M73), Springer, €39.95/sFr68.50/£30.50, ISBN 3-540-00416-5.

Flotation and Flocculation - From Fundamentals to Applications (Proceedings from the strategic conference and workshop held in Hawaii 2002), ISBN 0-9581414-0-1, AU\$230 (AU\$210 within Australia). Fax or mail orders to Julie Freytag, Ian Wark Research Institute, University of South Australia, Mawson Lakes SA 5095, Australia, phone: +61 (8) 8302-3695, fax: +61 (8) 8302-3683

de Gennes P.-G., Quere D., Brochard-Wyart F., **Capillarity and Wetting Phenomena**, Springer, €69.95/sFr116.50/£54, ISBN 0-387-00592-7.

Gladkov S.O., **Dielectric Properties of Porous Media**, (Springer Series in Materials Science 59), €69.95/sFr116.50/£54, ISBN 3-540-00186-7.

Gottstein G., **Physical Foundations of Material Science**, Springer, circa €59.95, ISBN 3-540-40139-3.

Hamley I.W., **Developments in Block Copolymer Science & Technology**, Wiley, €159/£95, ISBN 0-4708-4335-7.

Hasegawa M., **Alignment Technologies and Applications of Liquid Crystal Devices**, Taylor & Francis, £55, ISBN 0-7484-0902-5.

Hargreaves T., **Chemical Formulation: an Overview of Surfactant-Based Preparations Used in Everyday Life**, Royal Society of Chemistry, ISBN 0-854-04635-6, £23.95 (£15.50 for RSC members).

Lynch J., co-ordinator, **Physico-Chemical Analysis of Industrial Catalysts: a Practical Guide to Characterisation**, Editions Technip, ISBN 2-7108-0837-4, €110/US\$110.

Meyers M.A., ed., **Nano and Microstructural Design of Advanced Materials: A Commemorative Volume on Professor G. Thomas' Seventieth Birthday**, Elsevier, ISBN 0-08-0443737, US\$150/€150.

Norde W., **Colloids and Interfaces in Life Sciences**, Marcel Dekker, ISBN 0-8247-0996-9, US\$150.

Oswald P., **Liquid Crystals: Concepts and Physical Properties, Vol. 1**, Taylor & Francis, ISBN 0-415-32140-9, £50.

Oura K. et al., **Surface Science: An Introduction**, (Advanced Texts in Physics), Springer, ISBN 3-540-00545-5, €89.95/sFr149.50/£69.

Ristig M.L., Gernoth K.A., **Particle Scattering, X-Ray Diffraction, and Microstructure of Solids and Liquids** (Lecture Notes in Physics 610), Springer, €49.95/sFr86/£38.50, ISBN 3-540-44386-X.

Rogers M.E., **Synthetic Methods in Step-Growth Polymers**, Wiley, €145/£86.95, ISBN 0-4713-8769-X.

Sadana A., ed., **Biosensors: Kinetics of Binding and Dissociation Using Fractals**, Elsevier, ISBN 0-444-51512-7, €190/US\$190.

Satoh A., **Introduction to Molecular-Microsimulation for Colloidal Dispersions**, Elsevier, €200/US\$200, ISBN 0-444-51424-4.

Schaefer A., ed., **Nanofiltration: Principles and Applications**, Elsevier, €143/US\$143, ISBN 1-85617-405-0.

Srivastava R.C., Rastogi R.P., **Transport Mediated by Electrified Interfaces** (Studies in Interface Science 18), Elsevier, €190 / US\$190, ISBN 0-444-51453-8.

Sluckin T., Dunmur D., **Crystals That Flow: Collected Papers from the History of Liquid Crystals**, Taylor & Francis, £95, ISBN 0-415-25789-1.

Vidal J., **Thermodynamics: Applications in Chemical Engineering and the Petroleum Industry**, Editions TECHNIP-IFP Publications, US\$130/€130, ISBN 2-7108-0800-5.

Woodruff D.P., ed., **Surface Dynamics**, Elsevier, €250/US\$250, ISBN 0-444-51437-6.

Yalkowsky S.H., Yan He, **Handbook of Aqueous Solubility Data**, CRC Press, US\$299.95/£199, ISBN 0-8493-1532-8.

8.4 Books 2004

Bhushan B., **Springer Handbook of Nanotechnology**, with CD-Rom, Springer, ISBN 3-540-010218-4, €249/sFr402.50/£191.50.

Catlow R., van Santen R.A. and Smit B., eds., **Computer Modelling of Microporous and Mesoporous Materials**, Elsevier, £89.95/US\$135, ISBN 0-12-164137-6.

Goodwin J., **Colloids and Interfaces with Surfactants and Polymers: An Introduction**, Wiley, hardcover ISBN 0-470-84142-7, £75/€112.50; paperback ISBN 0-470-84143-5, £29.95/€45.

Hillel D., **Encyclopedia of the Soils in the Environment**, case-bound, four-volume-set, Elsevier, ISBN 0-12-348530-4. Introductory price (May-July 2004) US\$875/£569, list price US\$1095/£710, for online access see <http://www.info.sciencedirect.com>.

van Leeuwen H.P., Köster W., eds., **Physicochemical Kinetics and Transport at BioInterfaces** (IUPAC Series on Analytical and Physical Chemistry of Environmental Systems, Vol. 9), Wiley, £175/ €262.50, ISBN 0-471-49845-9.

Meyer E., Hug H., Bennewitz R., **Scanning Probe Microscopy** (Springer Advanced Texts in Physics), €59.95/\$Fr99.50/£46, ISBN 3-540-43180-2.

9 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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