



*International Association of Colloid
and Interface Scientists*

NEWSLETTER NO. 47

February 2011

EDITED BY GER KOPER

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INTERNATIONAL ASSOCIATION OF COLLOID AND INTERFACE SCIENTISTS

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1. FROM YOUR NEWSLETTER EDITOR

Before you lies NL47 the second newsletter that appears in digital form. Most of the information that you can find here is also available on the website and I kindly ask you to find out about it. Just navigate to the IACIS website – www.iacis.nl – and it might very well be that you find out that the information there is frequently updated. You need a user name and a password for that. These will be sent to you after you send a request by e-mail to webmaster@iacis.nl; please do include your membership number.

On the website we maintain a list of upcoming conferences, meetings, schools, etc. and these will not all be published in the newsletter. For that we rely on the information that the webmaster receives. Therefore, if you wish something to be posted in this list, please send us the necessary information and it will be done.

Likewise, as the previous newsletter editor did, we maintain a list of recently published books. There is a change here too: only those publications that are reviewed will be posted. So, if you wish your book advertised, please ask a colleague for a review.

As with the past newsletters, the maintenance of the website is a single person's effort. Not all changes will therefore be carried out as fast as you might like to see. We will try to do our best but we hope

you realize this when addressing us! Please, let this not refrain you from sending relevant information, suggestions, additions, etc.

Waiting for your response, I remain

Ger Koper
webmaster@iacis.nl

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 appears 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

Given the dire state of the world's economy, it is hardly surprising that research funding has become significantly harder to secure. I know I have had my share of research proposals rejected during the last couple of years which forces me to spend a greater percentage of my time raising money for research. So I found particularly interesting a recent article in *Nature* (23 Sept 2010) describing the inside workings of a committee charged with choosing which grants to fund. The article is entitled "Making the Cut" and the promotional excerpt reads "careers are made and broken by grant-funding committees; so how are the decisions really made?" I am sure many of you have had first-hand experience serving on such committees but for me it has been several years. The sharp reduction in the fraction of proposals which can now be funded has caused some changes in decision making: committee members now look for any reason to reject a proposal, reasons often unrelated to scientific merit. But in the end, the committee might still be forced to decide between equally meritorious proposals. If you haven't recently served on such a committee, I highly recommend giving this article a read.

Participation in IACIS has been among the most rewarding experiences of my career. Beginning with the 1994 IACIS meeting in Adelaide, I have attended all of the tri-annual meetings. This has taken me to a number of exotic locations (such as Brazil and China) which I might not have visited otherwise and introduced me to many researchers from these countries, a few of whom I have enjoyed lasting professional interactions. Some of the rich history of the organization, along with a photograph of the founding members, can be found at <http://www.iacis.nl/history.html>.

So I am quite surprised by the currently low number of members: the online directory now has only 408 names. In particular, this number is small compared to the more than 1200 attendees at the last IACIS meeting in New York City. Of course, most countries have

their own professional society for colloid and interface science, such as ECIS in Europe and the ACS Colloid Division in North America. But IACIS really has a broader goal: to promote *international* cooperation among colloid and interface scientists. One of the ways IACIS has achieved this goal is to sponsor international meetings (in addition to its own triennial conferences). We also make available a number of travel bursaries to underfunded researchers for travel to IACIS sponsored meetings. The number of such bursaries is currently small, primarily limited by our budget.

One of my goals as President is to increase the budget for bursaries by increasing the membership in IACIS. You can help by encouraging one of your colleagues or a research student to join. If each of us succeeds in attracting just one new member, our membership and the number of travel bursaries will double. Do it today! Our membership fee is quite low: only 25 euros. Application and payment via credit card is easy: just go to <http://www.iacis.nl/membership.html>.

I hope this Newsletter finds all of you in good health. Please contact me with any suggestions for improvement to our website or ideas of how IACIS can better serve its members.

Dennis Prieve
Pittsburgh, PA
January 18, 2011

3.2. Financial report September 2009 – September 2010

		Totals
Balance per September 1, 2009	<u>€4.592</u>	€4.591
<u>Receipts</u>		
IACIS membership fee	€6.067	
ECIS membership fee	€1200	
Interest	<u>€3</u>	
		<u>€7.720</u>
		€11.861
<u>Payments</u>		
Sponsoring (two travel bursaries)	€800	
Bank costs	€243	
Mailing	€371	
Printing	€27	
Debt collection charges	€262	
Other costs	€109	
Administrative support	<u>€400</u>	
		€2.212
Balance per September 1, 2010	€9.649	<u>€9.649</u>
		€11.861
Number of members Sep. 1, 2009	406	
Number of members Sep. 1, 2010	405*	

Amounts are rounded.

* 18 new members, 19 undeliverable, retired, no longer interested, defaulters or deceased

3.3. Venue of the 14th IACIS Conference, 2012

The 14th IACIS Conference shall be held in Sendai in 2012 while the 15th IACIS Conference will be organized in Germany. The President of the 14th conference, Professor Kazue Kurihara, has recently decided about the dates for the meeting. They are May 13 to 18, 2012.

3.4. IACIS represented at start IYC 2011



Fernando Galembeck, Dimo Platikanov, and Junbai Li represented IACIS at the launch ceremony of the International Year of Chemistry 2011 organized by IUPAC.

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
13th Conference, New York NY, U.S.A., 2009, see section 5 for further details
Future: 14th Conference, 2012. See item 3.3 for details.

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.
- 43) October 2010, Lyon (France) World Congress on Emulsions.
- 44) November 27 - December 1, 2011, Cancun, Mexico. Fray International Symposium and Young Scientists Forum.

5. CONFERENCES ... more on IACIS.NL

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

GRC Chemical Reactions at Surfaces

February 6-11, 2011, Ventura, CA, USA.

Info: Michael A. Henderson

32nd Australasian Polymer Symposium

February 13-16 2011, Coffs Harbour, Australia.

Info: Martina Stenzel

Zing Nanoscience Conference 2011

February 19-22, 2011, Sharm el Sheikh, Egypt .

Info: Conference secretariat

Hybrid Materials 2011: Second International Conference on Multifunctional, Hybrid and Nanomaterials

March 6-11, 2011, Strasbourg, France.

Info: Charlotte Wilkins

Humic Science and Technology Conference 14

March 9-11, . 2011, Boston, MA, USA.

Info: Elham Ghabbour

20 Years Layer-by-Layer Assembly: New Frontiers for Fundamental Science and for Applications

March 11-12, 2011, Strasbourg, France.

Info: Gero Decher

Elopto 2010

March 14-17, 2011, Mainz, Germany.

As successfully established, the format will be a three day discussion meeting, this time held with on-site lodging at the 19. century castle of Waldthausen near Mainz. There will be plenary, invited and

contributed talks, an all-time-on poster exhibition, a set of round table meetings for specific topics, and ample discussion time in and outside the official schedule. We aim to bring together the accumulated knowledge of the field with novel exciting developments in concept and instrumentation, keen visions with immediate applications.

Info: Thomas Palberg

3rd Multifrequency AFM Conference

March 14-15, 2011, Madrid, Spain.

Info: Ricardo Garcia

POLYCHAR 19: World Forum on Advanced Materials

March 20-24, 2011, Kathmandu, Nepal.

Info: Conference secretariat

Nordic Wood Biorefinery Conference 2011

March 22-23, 2011, Stockholm, Sweden.

Info: Birgit Backlund

Filtech 2011

March 22-23, 2011, Wiesbaden, Germany.

Info: Conference secretariat

241st ACS National Meeting

March 27-31, 2011, Anaheim, CA, USA.

Info: ACS office

Foundations of Nanoscience (FNANO11)

April 11-15, 2011, Snowbird, Utah.

Self-assembly is the central theme of the conference. Topics include self-assembled architectures and devices, at scales ranging from nano-scale to meso-scale. Methodologies include both experimental as well as theoretical approaches. The conference spans traditional disciplines including chemistry, biochemistry, physics, computer science, mathematics, and various engineering disciplines including MEMS.

Info: Karl F Böhringer

Surface Analysis 2011: 33rd Symposium on Applied Surface Analysis

April 11-13, 2011, New York, USA.

Info: Vin Smentkowski

COST Action D43 “Colloid and Interface Science for Nanotechnology” TRAINING SCHOOL: Fluids and Solid Interfaces

April 12-15, 2011, Sofia, Bulgaria.

The Program of the D43 School in April 2011 comprises the following sessions: Fluids and Solid Interfaces, Ger Koper, TU-Delft; Surface Forces and Liquid Films, Peter Kralchevsky and Krassimir Danov, University of Sofia; Micro-Scale Flows, Charles Baroud, Ecole Polytechnique; Wetting and Superhydrophobicity, Avi Marmur, Technion, Haifa; Particles as Surfactants and Antifoams, Nikolai Denkov and Slavka Tcholakova, University of Sofia; Scattering from Liquid-Liquid Interfaces, Ali Zarbakhsh, Queen Mary, University of London; Small Angle Neutron Scattering at Interfaces and in Bulk Systems under Shear, Henrich Frielinghaus, Jülich; Impedance Spectroscopy on Polymer Coated Interfaces, A. Sezai Saraç, Istanbul Technical University.

Info: Peter Kralchevsky

Biomat 2011

April 13-14, 2011, Jena, Germany.

Info: Conference secretariat

2011 MRS Spring Meeting

April 25-29, 2011, San Francisco, California, USA.

Info: Ping Chen

ICBN 2011 : "International Conference on Biotechnology and Nanotechnology"

April 27-29, 2011, Rome, Italy.

Info: Conference secretariat

PolyColl 2011

April 29, 2011, Geneva, Switzerland.

Info: Bettina Steinmann

Colloids and Materials 2011: 1st International Symposium on Colloids and Materials

May 8-11, 2011, Amsterdam, the Netherlands.

Info: Julian Eastoe

XXI International Symposium on Bioelectrochemistry and Bioenergetics

May 8-12, 2011, Cracow, Poland.

Info: Barbara Jachimska

International Nanotribology Forum

May 23-27, 2011, Hoi An, Vietnam.

Info: Conference secretariat

5th International Congress of Chemistry and Environment

May 27-29, 2011, Sarawak, Malaysia.

Info: Shankar Gargh

Frontiers in Polymer Science

May 29-31, 2011, Lyon, France.

Info: Bernadette Charleux

GRC Environmental Nanotechnology

May 29 - June 3, 2011, Waterville Valley, NH, USA.

Info: Wunmi A. Sadik

Nanotech Conference and Expo

June 13-16, 2011, Boston, MA, USA.

Info: Conference secretariat

13th European Student Conference

June 14-17, 2011, Falkenberg, Sweden.

Info: Markus Andersson

85th ACS Colloids and Surface Symposium and 2011 Nucleation Symposium

June 19-22, 2011, Montreal, Canada.

Info: Theo van de Ven

NanoFormulation2011

June 26 - July 1, 2011, Suntec, Singapore.

Info: Conference secretariat

EPF2011: EUROPEAN POLYMER CONGRESS 2011

June 26 - July 1, 2011, Granada, Spain.

Info: Conference secretariat

COSI2011 - 7th Coatings Science International 2011

June 27 - July 1, 2011, Noordwijk, the Netherlands.

Coatings Science International holds a broad definition of this field, combining a wide variety of disciplines in chemistry and physics.

Polymer, material and paint chemists, as well as surface and interface scientists, formulators, designers and industry policy makers will find in this conference a broad platform for combining and exchanging the latest developments of their disciplines on a high scientific level.

Info: I.J. Scholten - Kamstra

UK Colloids 2011

July 4-6, 2011, London, UK.

Info: Simon Biggs

Seeing at the nanoscale

July 19-22, 2011, Santa Barbara, Ca, USA.

Info: Conference secretariat

2nd International Conference on Nanotechnology: Fundamentals and Applications (ICNFA2011)

July 27-29, 2011, Ottawa, Canada.

Info: Conference secretariat

38th Annual Meeting and Exposition of the Controlled Release Society

July 30 - August 3, 2011, National Harbor, Maryland , USA.

Info: CRS office

Pan-American Advanced Studies Institute (PASI): Scalable, Functional Nanomaterials

August 4-12, 2011, Costa Rica.

Students attending the PASI will be fully supported (airfare, lodging, most meals) through funds made available by the National Science Foundation.

Info: Conference secretariat

GRC Dynamics at Surfaces

August 7-12, 2011, Newport, RI, USA.

Info: Geert-Jan Kroes

IEEE Nano 2011 Conference

August 15-18, 2011, Portland, OR, USA.

Info: Conference secretariat

242nd ACS National Meeting

August 28 - September 1, 2011, Denver, Co, USA.

Info: ACS office

25th Conference of the European Colloid and Interface Science society, ECIS2011

September, 2011, Germany.

Info: Reinhard Miller

8th Liquid Matter Conference

September 6-10, 2011, Wien, Austria.

Topics: 1. Ionic and quantum liquids, liquid metals, 2. Water, solutions and reaction dynamics, 3. Liquid crystals, 4. Polymers, polyelectrolytes, biopolymers, 5. Colloids, 6. Films, foams, surfactants, emulsions, aerosols, 7. Confined fluids, interfacial phenomena, 8. Supercooled liquids, glasses, gels, 9. Non-equilibrium systems, rheology, nanofluidics, 10. Biofluids, active matter

Info: Christoph Dellago

7th European Detergents Conference EDC

October 12-14, 2010, Fulda, Germany.

Info: U. Bechler

1st World congress of Environmental Biotechnology-2011 (WCEB-2011)

October 19-22, 2011, Dalian, China.

Info: Hebe Leng

Fray International Symposium

November 27 - December 1, 2011, Cancun, Mexico.

This major symposium is in honor of the distinguished work and lifetime achievements of Prof. Derek Fray. Professor Fray is a well known figure for his deeply impact in materials extraction and processing world. He is author of almost 400 scientific papers and inventor on approximately 179 patents arising from 62 families of patents.

Sponsored by IACIS.

Info: Florian Kongoli

Young Scientists Forum

November 27 - December 1, 2011, Cancun, Mexico.

"Young Scientists Forum" will include papers from undergraduate and graduate students as well as young scientists below the age of 35. Three different awards will be given to the best papers published and presented at the symposium.

Info: Florian Kongoli

2011 MRS Fall Meeting

November 28 - December 2, 2011, Boston, MA, USA.

Info: Cammy R. Abernathy

Nanotech India 2011

December 1-3, 2011, Kerala, India .

Info: Conference secretariat

6. REGIONAL AND PERSONAL NEWS

Obituary Nikolai (Kolya) Vladimirovich Churaev (1920 – 2010).

Kolya Churaev was one of the most well-known representatives of the Russian School of colloid and interface science. During his long life he has contributed substantially to the development of this field, to a large extent in collaboration with Deryagin. He has published several hundreds of papers in Russian and international journals and, typical for Russians during the period of the iron curtain, he also wrote a number of monographs in his mothers language. Much if this work has given him international recognition.

Churaev had a broad scientific and applied interest. Fundamental work from him and his team included surface forces, thin (wetting) films, film flow, electrokinetics, and membrane separations. He was particularly appreciated for his tenacious combination of advanced theoretical insights with subtle experimental designs, to obtain progressive insight, notwithstanding the, sometimes adverse, conditions in his laboratory. His applied interests included peats, evaporation from porous systems and, more recently, electrophoretic deposition.

His scientific carrier started in 1954 at the Moscow Peat Institute. After about 10 years he became professor of physics at that institute. From 1964 onwards his co-operation with Deryagin started and Churaev moved to the then Institute of Physical Chemistry of the Academy of Sciences, (nowadays called the Frumkin Institute). From 1967 – 1989 Churaev was Head of the Thin Liquid Layer Laboratory of that institute. Till recently he was engaged in electrophoretic deposition in an institute in Kiev.

Churaevs life has not always been easy. During the Second World War he spent some time as a prisoner of war in a German camp. Perhaps related to that, he spoke fluently German. We developed the habit of speaking German for informal discussions and small talk, and English or Russian for science. Kolya was not only an eminent scientist but also a very congenial friend and wise sparring partner.

The international community of surface and colloid science is glad that Churaev could serve for so many years. His memory will be will acknowledged through a special issue of Adv. Colloid Interface Sci, now in course of preparation under the editorship of Boinovich and Starov.

Hans Lyklema, Wageningen NL, January 2011



*Kolya Churaev and Hans Lyklema,
“Hoge Veluwe” (Dutch nature reserve) 1990*

6.1. Padma Shri Awarded to Somasundaran



Prof. P. Somasundaran, Professor at Columbia University has been awarded the "Padma Shri" by the Indian government, a highest civilian award given to distinguished persons each year.

Padma Shri is an award given by the Government of India generally to Indian citizens to recognize their distinguished contribution in various spheres of activity including the Arts, Education, Industry, Literature, Science, Sports, Medicine, Social Service and public life.

Somasundaran currently works at Columbia University as the La von Duddleson Krumb Professor, and is the Director of Langmuir Center for Colloids & Interfaces and the National Science Foundation Industry/University Cooperative Research Center for Particulate and Surfactant Systems. His newest program is the Green Chemicals Initiative, which seeks to design greener reagent systems for a healthier planet for next generations.

A prolific author of 15 books and more than 600 scientific publications, Somasundaran is a 1985 inductee of the National Academy of Engineering. Somasundaran graduated from the Indian Institute of Science with a bachelor of engineering degree and from the University of California at Berkeley with a master's degree and Ph.D.

A prolific author of 15 books and more than 600 scientific publications, Somasundaran is a 1985 inductee of the National Academy of Engineering, the highest honor that could be conferred on an engineer at that time, and of the corresponding societies in China and Russia. Somasundaran has been honored with many awards, including the Ellis Island Medal of Honor (1990), which was presented to him along with such recipients as then-President George Bush, four former Presidents, U.N. Ambassador Thomas Pickering and actor Danny Thomas. He is the honorary editor-in-chief of the international journal Colloids and Surfaces, as well as the editor of the Encyclopedia of Surfactant and Colloid Science.

Press release Columbia University School of Engineering and Applied Science

6.2. Dr K.L. Mittal Feted in Boston



Dr Kashmiri L. Mittal of Hopewell Junction, New York, was honored by scientists from more than 20 countries from all continents by organising a Special Symposium on Recent Advances in Adhesion Science and Technology in his honour.

It was organised as a part of the 240th American Chemical Society (ACS), world's largest chemical society, Meeting in Boston, August 22-26, 2010. This symposium was organised by an International Committee led by Associate Professor W. (Voytek) Gutowski from CSIRO/Australia and Professor Hanna Dodiuk from Shenkar College, Ramat Gan/Israel to commemorate the landmark publication of Dr Mittal's 100th edited book, a feat not achieved before by any other scientist. These books deal with the areas of adhesion, surfactants, surface cleaning and polyimides.

All major areas of adhesion science and technology: Adhesion mechanisms and mechanics; Interfaces & adhesion; Surface modification; Dental & medical adhesion; Nanomaterials & polymer nanocomposites were covered in the sessions of the "Mittal Symposium" by prominent scientists invited to talk at this event, and attended by scientists registered at the Boston ACS Meeting.

Scientific publishing house, Brill (operating under the VSP imprint), the key publisher of Dr Mittal's works, sponsored the event which coincided with the celebration of his 65th birthday.

Indefatigably pursuing a goal of spreading globally the “gospel” of adhesion science, the discipline dealing with phenomena controlling the integrity or delamination of joined materials, Dr Mittal is globally recognised for his inspirational ability to lead and unite all scientists and engineers active in this field.

By founding, in 1987, the international Journal of Adhesion Science & Technology (JAST) he created the most significant forum for publishing the latest scientific developments in adhesion. JAST, with 20 issues planned for 2011, is recognised as the most reputed scientific journal in this field. Dr Mittal also established the biennial global series of symposia on surfactants in solution (SIS).

In recognition of his global impact on the dissemination of science and his pioneering initiatives and achievements, the international community of scientists established an award in his honor known as the “Kash Mittal Award” which is given at the SIS Conferences. Dr Mittal's achievements have also been recognised by awarding him Doctorate Honoris Causa by the Maria-Curie Sklodowska University, Lublin, Poland in 2003. In 1995, the 1st International Adhesion Congress was held in Amsterdam as a tribute to his outstanding contributions to adhesion science and technology, with 240 papers presented by scientists from 39 countries

Dr Mittal received his M.Sc. degree from the Indian Institute of Technology, Delhi, India, and PhD. degree in Chemistry from the University of Southern California, Los Angeles.

Dr Mittal has received many awards from various scientific societies, is or has been on the Editorial Advisory Boards of many scientific

journals, and is listed in numerous biographical reference books. The publication of 100 edited books is a singular and insurmountable feat. His achievements are superb and many other scientists would like to follow in his footsteps.

*Communicated by Voytek Gutowski (CSIRO Australia) and
Hanna Dodiuk (Shenkar College Israel).*

6.3. Hans Lyklema turns 80!



To celebrate his 80th birthday Hans organized a grand reunion with all his former PhD students. In this picture he is surrounded by all that could be present.

Last November, to be precise on November 23, 2010, Hans Lyklema celebrated his 80th birthday. During his long scientific career, which is still continuing, he contributed in many ways to our Association. He was actively involved in the founding of IACIS in 1979 by composing a draft constitution, together with Geoffrey Parfitt (who took the initiative to establish an international organization in our scientific field) and Armin Weiss, and took a place in the first IACIS Council. During 30 years, until 2008, Hans Lyklema was the Editor of the Newsletter (first started under the auspices of IUPAC). In total he edited 44 issues.

For all his stimulating and valuable input, the IACIS Standing Committee awarded Hans with an Honorary Life Membership on the occasion of the Council Meeting at the IACIS Conference in New York in 2009).

In 1995 Hans retired from his job as head of the Laboratory of Physical Chemistry and Colloid Science at Wageningen University. He has a broad range of activities such as gardening, visiting cultural events with his wife, Wil, and writing a book about his memories as a kid during World War II (well documented with facts from various sources). Nonetheless, Hans still comes almost daily to “his” lab, where he has lively and very useful discussions with many of the staff and PhD students, and publishes scientific papers. In addition, he still regularly visits scientific meetings abroad, like the ECIS meeting last September in Prague where he presented a special seminar entitled “Historical Reflections”, reviewing in a humorous way all great colloid scientists of the last century that he met in person. We wish Hans many happy returns and hope he will also join us at the IACIS Conference in Sendai next year!

Mieke Kleijn

Hon. Secretary of IACIS and one of the many former PhD's of Hans

6.4. **Brian Vincent: Overbeek Gold Medal winner 2010**



Brian Vincent between Andrew Howe and Maria Miguel.

Professor Brian Vincent, FRSC1 was awarded the 2010 Overbeek Gold Medal in recognition of his outstanding career in the field of colloid and interface science. His exceptional scientific achievements have inspired generations of scientists. Additionally, he has great organisational and leadership abilities as demonstrated by his successful periods as Chairman of both SCI2 (1988-1992) and RSC3 (2002-2005) Colloid Groups in the UK and of IACIS4 (2003-6). He is a fine teacher who is always in demand and has a friendly and approachable personality. He and his research are internationally recognized but have been particularly welcomed by students in Eastern Europe and in industry.

Brian started his research career as the first PhD student in Bristol of Ron Ottewill in 1968. After a postdoc with Hans Lyklema in the Netherlands and a short spell in ICI in the UK, he returned to Bristol where he has thrived ever since. He accepted a Chair in Physical

Chemistry in 1992 and became the 5th Leverhulme Professor in 1993, heading the Physical and Theoretical Chemistry Section to 2002 and the Colloid Sector to 2007.

Brian has worked in almost all areas of colloid science: suspensions, emulsions, foams, polymers, surfactants, synthesis, responsive systems, encapsulation, targeting, adsorption, depletion, deposition, phase behaviour, electrophoresis, etc. To date, he has published 275 refereed papers, co-authored and/or edited 4 books and is co-inventor of 7 patents. His many awards include: SCI Colloid & Surface Chemistry Group Founder's Lecture (1997); SCI Distinguished Service Award (2000); RSC Award in Surface and Colloid Chemistry (2004); Royal Australian Institute of Chemistry, The Alexander Award & Lecture (2007); The IACIS Award & Lecture (2009); UK Polymer Colloids Forum, The Ottewill Award & Lecture (2009); and Honorary Doctorate at the University of South Australia (2010).

In addition to his own science, he has made a huge contribution to the international colloid community, especially through his pioneering activities for students. He initiated and co-organised the First UK Colloid and Surface Science Student Meeting in 1991 and the first European Colloid Meeting in Bristol in 2003. ECIS Student Conferences are now organized every two years and Brian has led each one, with his charm, enthusiasm, energy, experience and wisdom. His extensive range of friends and contacts has enabled him to find new hosts volunteer and ensure that each Conference is successfully run.

Brian has also been very active at the Colloid/Industry interface. He has supervised joint projects with many companies that investigated the background to a huge range of colloiddally based products. He has encouraged scientists in industry to contribute to the open, academic colloid arena. On the most applied level, Brian has been a consultant for many of the leading companies that use colloid technology worldwide. Together with Jim Goodwin he founded the Bristol Colloid Centre (BCC) in 1993 and led it as

Director until 2007. The BCC provided an early and excellent example of an effective industrial-academic interaction in the colloid and interface field.

Although Brian retired formally at the end of 2007, he took up a Senior Research Fellowship in Bristol and remains very active. He continues to publish and contribute to supervision of new research in Bristol. His number of students and postdocs now stands at 90 and 50, respectively. Brian's outside contributions are as strong as ever: including service on the UK Polymer Colloids Forum, on the Rideal Trust, and on the IACIS Council. Of course, he does not let up in the area of perhaps his greatest contribution to the European colloid community: his pioneering of activities for students: he is guiding the ECIS 2011 Student Conference in Sweden while simultaneously starting the planning for the ECIS 2013 Student Conference in Berlin!

The nomination for Professor Brian Vincent for the Overbeek Gold Medal included the phrase: with "the combination of these [scientific, didactic and personal] qualities, he was for many young people an ideal of a creative scientist." And concluded: "One can say, therefore, without exaggeration that rarely in science so much was owed by so many to one person." Praise indeed to Brian Vincent!

ECIS press release

7. 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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