



## International Association of Colloid and Interface Scientists

In this newsletter you will find the following topics:

[Message from our President](#)

[News](#)

[Brothers and Sisters: the Australian Colloid and Interface Society, ACIS](#)

[Selected Events](#)

### Message from our president

**Dear IACIS members,**

I feel very honored and am appreciative of serving as a president of IACIS to follow Professor Dennis Prieve and other past presidents who contributed to the organization of IACIS, and am happy to walk in their footsteps. As we all understand, the main objective of IACIS has been to promote international cooperation among colloid and interface scientists and to encourage advancement and understanding in the field of colloid and interface science.



Colloid and interface science is an interdisciplinary field combining aspects of physics, chemistry, mathematics and biology. The field has had strong links to industrial applications including minerals, ceramics, paints, foods, detergents and cosmetics. Traditionally, this field has contributed to create new science fields, polymer science for example. Nowadays, nanotechnology uses the conceptual framework of colloid and interface science in many aspects.

This field is experiencing a revolution, now. Molecular and atomic level measurements have made it possible to obtain novel detailed information and to deepen our understanding of colloids and interfaces. This is assisted by computer simulation and theories. The field has also become more and more integrated with applied sciences such as environmental, energy and biomedical sciences: sciences essential for overcoming global problems today. New journals treating subjects conventionally considered as colloid and interface science have been recently started by various organizations.

Considering these, the presence of IACIS is more important than ever because of the very rapid progress of the field and broad integration. The standing committee is very happy to work for achieving the objectives of IACIS. You may have noticed our home page contains more information now. This is done by our webmaster, Ger Koper, who is also the [IACIS newsletter editor](#). We are more frequently receiving newsletters by e-mail. I am very thankful for his efforts. We appreciate to receive input from IACIS members to newsletters, so please send him information about the field such as on all conferences in areas related to colloid and interface science. We also appreciate your cooperation for increasing the number of IACIS members.

I cannot close this letter without thanking your supports for [IACIS 2012](#) (14<sup>th</sup> IACIS conference) in Sendai as the organizer. The Great East Japan Earthquake hit this area in March 2011 when we started the organization of [IACIS 2012](#). We could continue the organization only with the encouragement we found in the quick recoveries of infrastructure in the area and with the support we received from our colleagues in all parts of the world, especially many e-mails promising the senders' attendance at the conference. The conference was very successful with 1034 participants from 34 countries. On the last day at the entrance hall, I was greeted by many young participants leaving with the words of thanks that they enjoyed the conference very much. It was a real reward. After [IACIS 2012](#), we do not find anybody questioning the condition of Sendai for hosting the international conference because of the earthquake, and many conferences have followed. We, the organizers of [IACIS 2012](#), appreciate supports from all of you. The standing committee of IACIS is happy to work with the IACIS members for advancement of the field, and will appreciate your cooperation.

Kazue Kurihara (Tohoku University, Japan), [President](#)

[Back to the top](#)

### News

#### IACIS2018: Call for proposals

The procedure for determining the organization and venue for the 16<sup>th</sup> IACIS Conference in 2018 has started. IACIS members are cordially invited to send their proposals by e-mail to the Secretary of IACIS, [Mieke Kleijn](#). Information in the proposal should include:

- Proposer(s): titles, names, affiliations, positions
- Place and time: city, country and dates in 2018
- Development and present state of colloid and interface science in this country; strong research groups involved in the organization (1 A4 max)
- CV of the chair (and co-chair) of the Conference.
- Other members of the Organizing Committee (preliminary list)
- Members of the Scientific Committee and International Advisory Board (preliminary lists)
- Main conference topics (preliminary list);
- Venue - description of facilities (main hall for plenary lectures, halls for the parallel sessions and their number, seats in each hall; hall for posters and number of boards)
- Accommodation - hotels, dormitories/hostels, estimated prices
- Social events, program for accompanying persons, post-conference tours
- Preliminary registration fees
- Financial support, sponsors

The deadline for submitting proposals is December 1, 2013.

The proposals will be sent to all IACIS Council members; the Council will take the final decision before April 1, 2014.

[Back to the top](#)

### Brothers and Sisters

#### The sixth biennial Australian Colloid and Interface Symposium



was held at the Outrigger Little Hastings Street Resort & Spa, Noosa, Queensland, Australia from 3-7th February 2013. After devastating floods in the region in the weeks prior to the conference, delegates were treated to blue skies and warm weather for the opening of the conference, although tropical downpours were a daily feature as always in Queensland in February.

The conference was opened with the ACIS Plenary, given by Prof. Detlef Lohse (University of Twente, The Netherlands) who described his recent research into Surface Nanobubbles. The prestigious Alexander Lecture was given by Prof. Roger Horn (Deakin University, Australia), who covered a range of topics from his research including the 'Rumsfeld' theory of water structure.

Podium talks were held across seven different themes. Notably the Wettability and Thin Liquid Films was held to honour the career of Prof. John Ralston. The other themes were Suspension Rheology and Colloidal Processing; Sustainability: Energy and Water;

Biointerfaces; Self Assembly; Frontiers of Colloid and Interface Science and Advanced Materials.

The conference dinner was held at the venue, and saw the launch of the new Australian Colloid and Interface Society (see below), and announcement that the Chair of the ACIS conference in 2015 will be Assoc. Prof. Patrick Spicer from University of New South Wales, Australia.

#### New Australian Colloid and Interface Society (ACIS) formed

The Australian colloid science community is very proud to announce the formation of the [Australian Colloid and Interface Society, ACIS](#), and are grateful to John Ralston for taking on the important role as inaugural President. Although the RACI Colloid Science Division has done a great job in custodianship of the community's events, its necessary focus on chemists has for some time inhibited development and representation of the colloid community in its wider sense. The formation of the new society provides a home for chemists, physicists, mathematicians, materials scientists and others with strong interests in colloid and interface science in Australia and the region. Foundation memberships are available until 1st June, 2013. Please see our [website](#) for more details and coming events.



[Back to the top](#)

### Selected Announcements

#### COST CM1101 Workshop Functionalized Surfaces and Nanobiocomposites

May 26-28, 2013, Szeged, Hungary.

Info: [Dékány Imre](#)

#### 14th European Student Conference

June 10-13, 2013, Potsdam, Germany.

Info: [Jooyoung Won](#)

#### 87th ACS 2013 Colloid & Surface Science Symposium

June 23-26, 2013, Riverside, Ca, USA.

Info: [Sharon Walker](#)

#### NATO-ASI Nanomaterials and Nanoarchitectures

June 30-July 7, 2013, Cork, Ireland.

Info: [Maria Bardosova](#)

#### 27th Conference of the European Colloid and Interface Science society, ECIS2013

September 1-6, 2013, Sofia, Bulgaria.

*Chemists, physicists, biologists and engineers are invited to take part in this interdisciplinary forum, where fundamental science and applied research will target the front-line topics in the fields of surface forces in dispersed systems, complex fluids, surfactants, polymers and biocolloids, engineered interfaces and smart nanostructured materials. The Conference is aimed to provide a wide opportunity for exchange of new ideas, for reports on recent achievements in colloid and interface science and on contributions to the progress in the areas of biomedicine, pharmaceuticals, cosmetics, nanoelectronics, food and petroleum industries.*

Info: [Elena Mileva](#)

For more announcements, please consult the [IACIS website](#).

[Back to the top](#)