



International Association of Colloid and Interface Scientists

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From your Newsletter Editor

A special welcome to the 234 new members of our society. This is the result of our new approach to membership registration and payment during the latest meeting in Mainz: indeed a success! With these new members the total member count rises to 574. The important aspect is that this number much better than before reflects the attendance to the tri-annual conferences that are organized by the society.

New members are invited to browse our [website](#). You will find the composition of the present board, a list of upcoming conferences, etc. You may also enjoy the Newsletters of which the present one is the most recent. Of course, you may also contribute to the Newsletter and we look forward to receiving items of any kind: announcements of available positions, meetings that are organized (and not yet in our list), etc. Please, feel free to send additions, comments, etc to the [Newsletter Editor](#) and we shall be happy to consider publishing these.

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IACIS2015 in Mainz



Rheingoldhalle, Mainz

The IACIS conference, this time held in May 24-29, 2015, in Mainz, brought again many international scientist in the field of colloid and interface science together. Organizing it together with the German Colloid Society and including the European Initiative Complex Wetting was successful. Joachim Venzmer (Evonik Industries), Michael Gradzielski (Technical University Berlin) together with Tatiana Gambaryan-Roisman and Günter Auernhammer organized the sessions on responsive systems and wetting.

Two months after the conference it is time to provide some numbers. We had 657 registered participants. 90 chose the 3-days-ticket, which had been introduced to also host the German Colloid Society. It seems that most German colleagues took the opportunity and joined the full conference, rather than just staying 3 days. We had 229 students and pensioners and 11 accompanying persons. 283 members paid their three-year IACIS membership fee through the conference. With 12 exhibitors and 3 external sponsors the industrial interest and participation was higher than expected. As always, the conference was highly international with the participation from many different nationalities.

All the financing and management of the abstracts was handled by the German Chemical Society, the GDCh. We do not have the final financial overview yet but it is already clear that the conference ends with a little surplus of approximately 20 keuro at a total income of 374,7 kEuro.

Hans-Jürgen Butt, organizer

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Lifetime Achievement Award for Björn Lindman



IACIS president Kazue Kurihara hands the awardee Björn Lindman the certificate of the Lifetime Achievement Award during IACIS2015.

Professor Björn Olof Lindman, professor emeritus of the Division of Physical Chemistry 1 of Lund University, Sweden, and a visiting professor of Nanyang Technological University, Singapore received the second IACIS Lifetime Achievement Award at IACIS 2015 in Mainz. The IACIS Life Time Achievement Award recognizes a lifetime of distinguished achievement, and outstanding contribution to the advancement of the art, science and industrial practice of Interface and Colloid Science together with participation in IACIS. The Award is presented once every three years at the IACIS Conference. Professor Lindman has been a leader of the international community for colloid and interface science for several decades.

Björn Lindman received the Chemical Engineering degree at and Royal Institute of Technology 1966; Ph. D as well as "Docent" degree in Physical Chemistry from Lund University in 1971. Lindman became professor in Physical Chemistry at Lund University in 1978 and he rapidly built up a large research group with activities ranging from theoretical work on intermolecular and interparticle interactions to problem-solving in collaboration with industry.

In his own research Björn Lindman has made very important contributions in several research fields. He was a pioneer in using the field gradient NMR method for studies of structures of microheterogeneous media such as microemulsions and micellar solutions. NMR diffusometry is now an established technique but in the 70s this was exploratory work, which turned out to be very successful. Lindman has worked with a wide range of amphiphiles, such as polar lipids, surface active proteins, surfactants, surface active block copolymers and hydrophobically modified cellulose derivatives. During the end of the 70s and the 80s the Lund group made very important contributions to the understanding of the solution behavior of amphiphiles. In the 90s Lindman turned to the more complex systems comprising both a polymer and a low molecular weight surfactant.

Björn Lindman received many honors and awards including the Overbeek Gold Medal of the European Colloid and Interface Society (2008). He has been a member of the Royal Swedish Academy of Engineering Sciences from 1984, and a member of the Royal Swedish Academy of Sciences from 1994. He has worked for numerous societies. Such activities include President European Colloid & Interface Society (1997-9); President International Association of Colloid and Interface Scientists (2006-2009).

We congratulate Björn Olof Lindman for this occasion.

Kazue Kurihara, Tohoku University
 President of IACIS 2012-2015
 Brian Vincent, Bristol University
 Chairperson, Lifetime Achievement Award Committee

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Brothers and Sisters



DCSC Newsletter

The [Division of Colloid and Surface Chemistry](#), Chemical Society of Japan, was founded in 1976 based on the regular activity of the annual meeting held in this field since 1948.

The long history of the division can be seen in the number of the annual meetings of the division, which counts 66th this year. The current chairman of the division is Professor [Tadashi Kato](#), Tokyo Metropolitan University. The division is organizing the basic courses for starting engineers in the colloid field in spring; the forum for promoting interactions among industry researchers and between industry and academic researchers in summer; seminars on advanced topics, and others. Coming soon is the [annual meeting](#) held for September 10 -12 at Kagoshima University. Also the division co-organizes the [Western Pacific Colloids Meeting 2015 \(WPC 2015\)](#) , held for November 15-19 in Siem Reap, Cambodia, with the Australian Colloid and Interface Society. This activity is based on the long-standing Japan-Australia Colloid Symposium started in 1992.

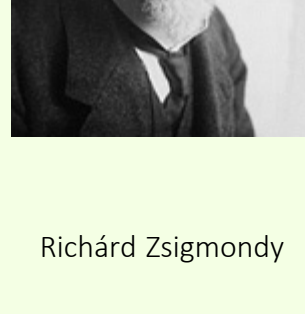
Hideki Matsuoka and
 Kazue Kurihara

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The Birth of Nanotechnology? *

2015 marks the 150th anniversary of the birth of Richárd Zsigmondy. As a prominent Hungarian figure of modern colloid chemistry, he received the [Nobel Prize in Chemistry](#) in 1925 for proving the heterogeneous nature of colloid solutions and the invention of the ultramicroscope.

His work established the development of optical size determination in submicroscopic range and plasmonic sensor techniques indispensable in modern nanotechnological research.



Richárd Zsigmondy

* T. Mappes *et al.*, [Angew. Chem. Int. Ed.](#) **2012**, *51*, 11208-11212

Selected announcements

The **Formula VIII** conference will be celebrated in Barcelona, Spain, 4-7th July 2016. This conference will cover all aspects in Formulation Sciences and Technologies, from the most fundamental and theoretical to the most applied aspects. This is a very wide and highly multidisciplinary field, with much interest from both academia and industry. The event will include the 46th Annual Meeting of the Spanish Committee of Detergency, Surfactants and Related Products (CED46) and NanoFormulation2016 conference. Detailed information is available on the [Formula VIII](#) webpage or from the organizer [Jordi Esquena](#).

The symposium **Smart and Green Interfaces: Fundamentals and Diagnostics 2015 (SGI-FunD 2015)** will be held in Sofia, Bulgaria, October 29-31, 2015. SGI-FunD 2015 is organized by the Department of Interfaces and Colloids (Institute of Physical Chemistry, Bulgarian Academy of Sciences), with the financial support of COST Action MP1106 *Smart and green interfaces - from single bubbles and drops to industrial, environmental and biomedical applications*. The Symposium will target the front-line topics in the fields of foams and emulsions, fluid interfaces, wetting phenomena, surface forces and thin liquid films, engineered interfaces and smart nanostructured materials. This scientific forum will provide a wide opportunity for exchange of new ideas in the areas of biomedicine, pharmaceuticals, cosmetics, food and petroleum industries, and innovations in research instrumentation. More details can be found at the [Symposium web-site](#) or from the organizer [Elena Mileva](#).

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In Memoriam: Prof. dr. B.H. (Bert) Bijsterbosch



Bert Bijsterbosch (right) accompanied by Hans Lyklema (left) and Gerard Fleer (center) at Wageningen University.

On May 3, 2014, Prof. Bert Bijsterbosch passed away at the age of almost 80 years. He was a member of the Laboratory of Physical Chemistry and Colloid Science (now: Physical Chemistry and Soft Matter) at Wageningen University for over 32 years, from 1963 to 1995. Before that, he graduated in physical chemistry at the University of Utrecht in the group of Prof. Theo Overbeek. In Wageningen he did his PhD with Prof. Hans Lyklema. Bert had an important role in building the group and became a close friend and colleague of Hans.

As a researcher, PhD supervisor and teacher Bert made significant contributions to the area of colloid science, in particular to electrokinetics and the more applied aspects. In addition, he held various important management positions both at university and national level. In 1972 he was formally appointed to the rank of Lector, a position comparable with Associate Professor in the American system. This position was later upgraded to that of Full Professor.

In the early 1970s Bert was involved in the development of (and nowadays still very successful) educational program of Molecular (Life) Sciences at Wageningen University. At Wageningen University Bert was highly appreciated as a scientist and for his integrity in management matters; he was able to make and implement decisions without alienating opponents. In fact that was also the style in which he played chess.

Bert was not only highly recognized and appreciated as a university professor, also for IACIS he played a central role. From 1982 to 1994 he was its first Honorary Secretary and Treasurer. His contributions can still be seen in the Newsletters, to which he was a constant contributor. IACIS is very indebted to him.

After his early retirement there was more time for his family and for the chess club, but he still regularly visited the Physical Chemistry team at Wageningen. He was one of the first IACIS members and remained that until his death. The last years of his life he struggled with a chronic condition that eventually led to his death. His colleagues, former PhD students, IACIS and friends, treasure warm memories of Bert as a conscientious scientist and a modest, committed person.

Mieke Kleijn and Hans Lyklema.

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