



International Association of Colloid and Interface Scientists

In this newsletter you will find the following topics:

[From the IACIS President](#)
[From your newsletter editor](#)
[IACIS 2021](#)
[UK Colloids 2020](#)
[The 23rd International Symposium on Surfactants in Solution \(SIS\)](#)
[Book review: Surfactants in Solution, at Interfaces and in Colloidal Dispersions](#)
[The 34th Conference of the European Colloid and Interface Society \(ECIS\)](#)

From the IACIS President

Dear colleagues,



A very happy new year! 2019 was (and 2020 will be) another year in which colloid and interface science grew and diversified. More scientists in soft matter science, more papers, more journals. To support our community and remain the leading conference in the field, the council has established a new prize: The IACIS Emerging Investigator Awards. The aim is to attract and recognise researchers at the stage of postdoc or young professor as they establish their independent research careers. Ian Gentle and Gregory Warr will be the first to award the prize at the IACIS conference in Brisbane 20-24 June, 2021. We are grateful to the KAO Corporation who have agreed to finance these prizes.

Three IACIS Emerging Investigator Awards will be given for outstanding fundamental or applied research in the field of colloid and interface science. Candidates should demonstrate their independent profile by publications or patents and a presentation at the IACIS conference. Nominees who are within 6 years of receiving their Ph.D. will be eligible for the Award. Nominees outside this time frame due to career interruptions or other circumstances will be considered on a case-by-case basis.

Details of the nomination process for IACIS in Brisbane will be available on the conference web site soon. Nominations can be made by candidates themselves or by a nominator. Nominations should include a CV with a list of publications and patents, as well as information about teaching activities. Each nomination should also include a 3 minute video which introduces the candidate and her/his research.

From the nominations, up to 15 finalists will be selected before the IACIS conference to make an oral presentation. Each will receive an "IACIS Early Career Researcher Award Finalist" certificate. The Jury will then select the three award winners based on the opinion of those members of the international advisory board present at the conference.

Another question, where your opinion would be welcome is: Should we reduce the period of conferences to two years or remain with the 3-year cycle? With a 2-year cycle young scientist may better include IACIS in their career plan. On the other hand, it would be even one more conference and increase traveling. If you have suggestions or a clear opinion, let me or a member of the council know.

Yours
Hans-Jürgen Butt, president of the IACIS

[Back to the top](#)

From your Newsletter Editor

Happy 2020!



The international year of the periodic table is over. 2020 is the international year of plant health (United Nations), nurse and midwife (World Health Organization) and the [international year of sound](#). So unfortunately 2020 is not the year of anything related to colloids and interfaces, or we could make it something. What about the international year of polymers? [The field of macromolecular science will celebrate its 100th anniversary in 2020](#). Or the international year of micelles? There is a [surfactants in solution conference](#) at the end of June. Of course there will be an [ECIS conference](#) and a [UK Colloids](#) meeting, for which non-UK residents might need to apply for a visum. You never know 2020 might be the year of BREXIT.

If you would like to join our IACIS LinkedIn group, where these conferences are posted, please request access via this [link here](#).

Best wishes from,

Your Newsletter Editor,
Saskia Lindhout

[Back to the top](#)

IACIS 2021 Update



We hope you have June 20-24th 2021 in your diary already, and have started to think about planning your trip "down under" to the 17th Conference of the International Association of Colloid and Interface Scientists. [IACIS2021](#) will be held at the Brisbane Convention and Exhibition Centre (BCEC) situated in South Bank in downtown Brisbane. BCEC is easily reached from the airport, is surrounded by accommodation options, and is centrally located for access to many other activities by car, bus, train or CityCat ferry along the Brisbane River.

Abstracts will open in June 2020, and we are planning for an early acceptance round to enable people to secure funding, register, and book transportation early to minimise costs. Our PCO has discounts on accommodation, airfares, and some tourism packages, details of which will be available on our website in the New Year. We realise that Australia is a long way for many delegates to come, so we hope you will take advantage of the time to explore other parts of Queensland, or travel more widely in Australia and New Zealand.

We are committed to creating an inclusive, accessible, supportive, and harassment-free environment for scientific exchange for every participant, regardless of gender, sexual orientation, disability, physical appearance, race, or religion. We will do our best to welcome and support families of participants. Information about our code of conduct and support packages will be available shortly on the web site, or follow [@IACIS2021](#) on Twitter or Facebook for updates on all aspects of the conference.

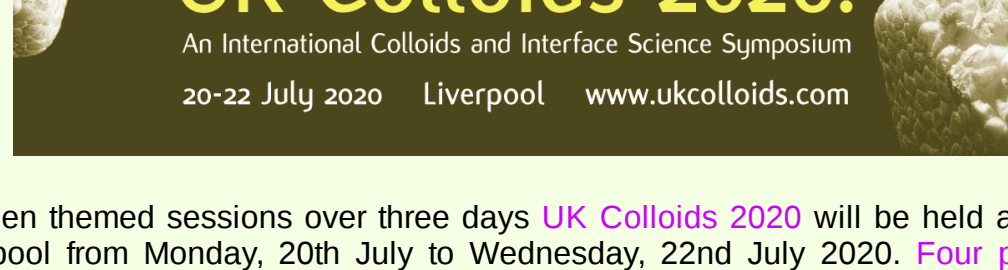
We are currently developing the scientific program, and welcome your input. The IACIS Council is currently developing a number of exciting innovations for early- and mid-career researchers to include in IACIS2021, including the IACIS Emerging Investigator Awards, sponsored by the KAO Corporation.

Please feel free to email the scientific program chair, Greg Warr, if you have suggestions for the program, including symposia or other focus topics, or would like to contribute.

Ian Gentle (i.gentle@uq.edu.au, Conference Chair) and
Greg Warr (gregory.warr@sydney.edu.au, Scientific Program Chair)

[Back to the top](#)

UK Colloids 2020, ACC Liverpool, 20-22 July 2020



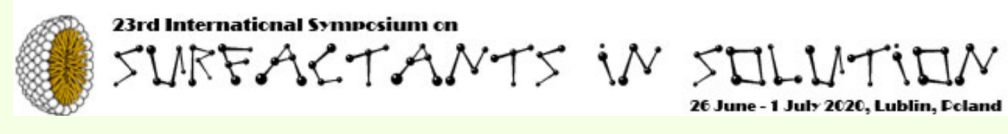
Thirteen themed sessions over three days [UK Colloids 2020](#) will be held at ACC Liverpool from Monday, 20th July to Wednesday, 22nd July 2020. [Four plenary speakers and 24 keynote speakers](#) have already been confirmed. Session themes:

- Rheology, Soft Solids and Complex Fluids (chairs: Andrew Howe and Phil Threlfall Holmes)
- Biomimetics (chair: Chris Lorenz)
- Colloids and Surfaces in the Health and Life Sciences (chairs: Chris Blanford, Annela Seddon and Karen Sykes)
- Formulation Science and Engineering (chairs: Nick Ainger and Ian Howell)
- Nanoparticles and Nanostructured Materials (chairs: Gemma Davies and Dionisia Jesus)
- Foams, Emulsions and Bubbles (chairs: Lee Fielding, Kristian Waters and Bob Pugh)
- Colloidal Suspensions (chairs: Jeroen van Duijneveldt and Alex Routh)
- Self-Assembly (chairs: Dwaipayan Chakrabarti and Stefano Sacanna)
- Colloids in Motion (chairs: Joe Keddie and Wim Thielemans)
- Polymer Colloid Engineering (chairs: Cecile Dreiss, Fiona Hatton and João Cabral)
- Encapsulation and Release (chairs: Olivier Cayre, David Higgins and Andrew Gray)
- Wetting and Adhesion (chair: Shirin Alexander)
- Nanotribology (chair Jason Zhang)

[Abstracts can be submitted now.](#)

[Back to the top](#)

The 23rd International Symposium on Surfactants in Solution (SIS)



It is our great pleasure to invite you to participate in the [23rd International Symposium on Surfactants in Solution \(SIS2020\)](#), which will be held in Lublin, Poland, during June 26th - July 1st, 2020.

The conference series "Surfactants in Solution" was launched by Kash Mittal in 1976 in Albany (USA). This first meeting was then followed by two more conferences taking place in Knoxville and Potsdam (USA). Thereafter SIS became a real international conference that was organised at various places on all five continents.

While the title "Surfactants in Solution" is still the same for all meeting of this conference series, it covers now many topics of colloids and interfaces, and it is dedicated to both fundamental and applied research. This represents a fantastic platform for scientists from industry as well as academia to meet each other and exchange important information.

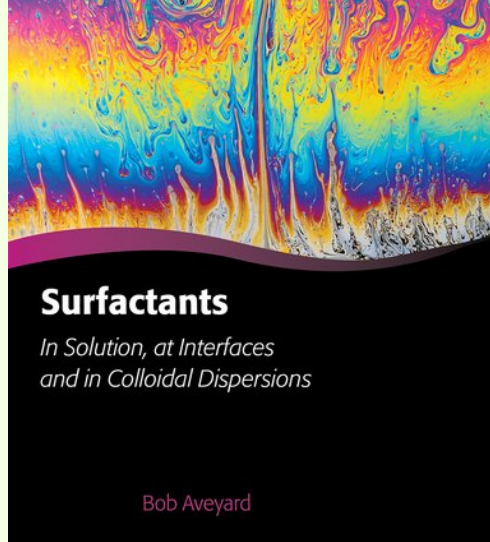
The 23rd SIS in 2020 in Lublin will cover the following topics:

1. Thermodynamics, modelling, simulation and theory of surfactant-based systems.
2. Surfactants adsorption at interfaces and pseudo-phase formation.
3. Mixed surfactant systems, surfactants in separation processes.
4. Kinetics of surfactant-based systems.
5. Bioderived, bioinspired and gemini surfactants, sustainability in surfactants.
6. Polymeric and polymerizable surfactants.
7. Surfactants in applications:
 - a. Surfactants in pharmaceuticals, medicinal and life sciences
 - b. Surfactants in cosmetics and cleaning agents
 - c. Surfactants in nano- and microtechnology
 - d. Surfactants in energy production and environment
 - e. Micellar catalysis
8. Surfactants wetting, spreading and capillary phenomena.
9. Monolayers and Langmuir-Blodgett films.
10. Surfactants - experimental methods, techniques and approaches.
11. General/other topics.
12. Young Scientists' Forum

Note, there are presently two special accompanying symposia dedicated to "Surfactants in tribology" and "Adsorption layer dynamics at liquid interfaces". The local committee with [Dr. Konrad Terpilowski as conference chair and responsible organizer](#) will do their best to organize an excellent scientific event in the beautiful town of Lublin.

[Back to the top](#)

Book review



[Surfactants in Solution, at Interfaces and in Colloidal Dispersions](#)

Bob Aveyard

Oxford University Press

October 2019

ISBN: 9780198828600

Surfactants are not a recent invention required for new technologies but people have been using them from the early stages of civilization, for example in ancient Egypt and Greece. There was no significant progress in the development of detergents for thousands of years until modern chemistry initiated the production of synthetic surfactants. Today, surfactants are present all around us and our daily life would not function as it does without them. This new book on surfactants will therefore be essential reading for those who work with surfactants.

Surfactants self-assemble in solution, adsorb at interfaces and are able to act as stabilizing agents in various kinds of dispersions; the book covers all these three areas of behaviour. It explains the basics of relevant colloid and surface science, and describes various experimental methods required to investigate the properties of systems containing surfactants. The reader gains interesting insights and understanding of the connections between various aspects and areas of surfactant science.

The complete review, written by Reinhard Miller can be found [here](#)

Reinhard Miller

[Back to the top](#)

The 34th Conference of the European Colloid and Interface Society (ECIS)



Dear colleague,

It is our great pleasure to invite you in Athens, Greece to attend ECIS 2020, the 34th Conference of the [European Colloid and Interface Society \(ECIS\)](#), from 6-11 September 2020.

The annual ECIS Conference brings together participants from the broad, interdisciplinary field of colloid and interface science, including chemists, physicists, biologists, pharmacists and engineers. ECIS offers education to young researchers and nurtures networking at an international level.

The conference will be held at Zappeion Mansion in Athens, Greece. With a history of 3,000 years, Athens, the capital and largest city of Greece, is one of the world's oldest cities. The Zappeion Mansion is a building in the National Gardens of Athens, the first building erected specifically for the revival of the Olympic Games in the modern world. It is within easy walking distance to many hotels and restaurants.

Topics will include:

- Liquid Interfaces and Membranes: Structure, Surface forces, Dynamics
- Emulsions, Microemulsions, Foams and Paints
- Polymers, Polyelectrolytes, Gels, Liquid Crystals, Anisotropic Fluids
- Surfactants, Lipids, Proteins, Peptides and Self-Assembly
- Dynamics, Stability and Phase Behavior of Colloids and Complex fluids
- Colloidal nano Structures for Delivery of Bioactives
- Micro and nanostructured Materials and Nanoparticles
- Wetting, Superhydrophobicity, Superoleophobic Surfaces and Capillarity
- Colloids in Food Science and Technology
- Colloids and Interface Science in Energy Technology
- Colloids and Interface Science in Cultural Heritage
- Colloids and Interface Science in Environment

During the conference, plenary lectures will be given by eminent speakers and the laureates of the Overbeek and Solvay Prizes. Participation and advancement of young researchers and PhD students will be encouraged through the Enzo Feroni Prize and several best poster prizes.

We are also happy to announce the ECIS pre-conference training course "Colloids and Interfaces for food and pharmaceuticals", featuring lectures from experts from both Academia and industry, from September 4th-5th. The course will be held on the Island of Aegina near Athens.

The local organizing team is working to create a fantastic event and we look forward to seeing you at the 34th ECIS Conference in Athens.

For more information, please visit our official website:

[ECIS2020](#)

[Back to the top](#)