

ACIS Newsletter – Issue 2, June 2014

Welcome

Dear members,

Welcome to our second issue of ACIS News! We plan to produce a quarterly newsletter - sent around in March, June, September, and December - to keep ACIS members informed of our initiatives and for members to directly communicate with their Society. Please send your suggestions and items for the next newsletter to Catherine.Whitby@unisa.edu.au.

News

Announcing the themes for ACIS 2015, 1st-5th February, Hobart (<https://colloid-oz.org.au/acis-2015/>)

Biointerfaces and Material Interactions



Michael Higgins (UWollongong) & Michelle Gee (UMelb)

Colloid and Surface Forces in Complex Systems



Ray Dagastine (UMelb) & Drew Parsons (ANU)

Rheology and Suspension Stability



Peter Scales & Anthony Stickland (UMelb)

Particles at Interfaces and other Wetting Phenomena



Dayang Wang & Catherine Whitby (UniSA)

Neutron and Synchrotron Scattering in Colloid and Interface Science



Mike James & Jamie Schultz (ANSTO)

Nanostructured lipid mesophases – Understanding and Controlling Structure and Function



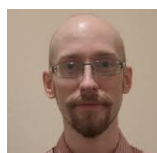
Ben Boyd (Monash) & Raffaele Mezzenga (ETH)

Colloids and Interfaces in Diagnostics and Theranostics

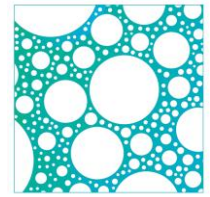
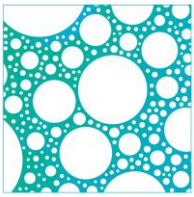


Simon Corrie & Justin Gooding (UQ)

Frontiers in Colloid and Interface Science



Rico Tabor (Monash) & Erica Wanless (Newcastle)



Ian Gentle and Greg Warr secure Australian bid to host IACIS 2021



The President of the International Association of Colloid and Interface Scientists, Kazue Kurihara, announced that the 17th IACIS Conference has been awarded to Brisbane, Australia. This is great news for ACIS and an important step in growing the society's international reputation.



This follows a bidding process in which interested countries were invited to propose a venue for the meeting. Ian Gentle (ACIS Board Director, UQ) and Greg Warr (USyd) led the bid on behalf of ACIS. They were assisted by the Brisbane Convention and Exhibition Centre which will be the conference venue.

The 2015 IACIS Conference will be in Mainz, Germany and the 2018 meeting in Delft, the Netherlands.

Colloid Session at RACI Congress



David Beattie (UniSA), Tak Kee (Adelaide Uni) and Martina Stenzel (UNSW) are running a symposium on functional composite nanomaterials at the Royal Australian Chemical Institute National Congress in Adelaide on 7-12th December 2014.



They invited Shu-Hong Yu from the University of Science and Technology of China as their keynote speaker. His research interests include self-assembly of nanoscale building blocks, nanocomposites and bio-inspired synthesis of nanostructures.



Please go to <http://www.racicongress.com/> for further information.

2nd International PhD School on Geometry and Topology of Liquid Crystals and Related Materials



Stephen Hyde (ANU) and Charlotte Conn (RMIT) are running a winter-school on mesostructures on 12-16th August 2014 at RMIT. They aim to build a toolkit for understanding how ordered, condensed mesoscale materials form. There is no fee for the participants, but attendance will be limited to 24 students.



Please email geometrytopologymaterials@gmail.com for further information.

NZ colloid scientists secure funding for Centres of Excellence



Shaun Hendy, an ACIS Board Director, has just become the inaugural Director of Te Pūnaha Matatini (The Centre for Complex Systems and Networks). This is one of 6 Centres of Research Excellence (CoRE) recently awarded funding. He will lead a team of scientists, economists and social scientists working on harnessing the information in big data sets to benefit the biosphere, the economy, and the marketplace.



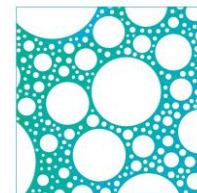
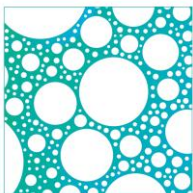
Funding for The MacDiarmid Institute was renewed until 2020 in the same CoRE selection round. The MacDiarmid Institute is a national network of 7 organisations - 5 universities, 1 crown research institute and Callaghan Innovation. Led by Kate McGrath, their research ranges from designing and constructing nanodevices to analysing the properties of novel materials.

New Zealand Science does well in Budget

New Zealand's 2014 Budget contained a raft of announcements on science funding. Notable changes include:

- NZ\$56.8 million more for contestable science funding
- Plans to reform the contestable funding system and make it "more flexible, less complex and more closely focused on research that is of relevance to NZ"
- Expansion of the Centres of Research Excellence funding
- An additional NZ\$67.9 million for tertiary science education (an 8.5 % increase per equivalent full-time student).

Shaun Hendy said "This is a good budget for science, and reflects its importance for the future of New Zealand".



John Ralston to give 2014 Delprat Lecture Series



John Ralston will be giving the 2014 Mineral Institute (AusIMM) Guillaume Delprat Distinguished Lecture Series. The series begins in Townsville on 31st August. John will give lectures in Brisbane, Mt Isa, Sydney, Melbourne, Broken Hill, Adelaide, Perth and Kalgoorlie. Dates, times and locations will be available soon.

John Ralston AO FAA FTSE was the inaugural President of ACIS. He is Emeritus Laureate Professor at the University of South Australia. He will discuss 21st Century challenges in the chemistry of mineral processing. He will describe how Australian efforts revolutionized the processing of sulphide minerals, alumina refining and tailings dewatering.



The lecture series honours Guillaume Daniel Delprat CBE (1856-1937) a Dutch-Australian metallurgist. Delprat came to Australia in 1898 to become Assistant General Manager of BHP. He pioneered the froth flotation process for refining sulphide ore.

David Pollard is organizing the Delprat Lectures for the Mineral Institute. FLSmidth and JKTech are sponsoring the 2014 series. Prof Alban Lynch, Founder of the JKMRC, Dr Greg Harbort of JKTech and Prof Mike Nelson of the University of Utah initiated the series after publishing their book "History of Flotation" in 2010.

Call for Nominations for 2015 A.E. Alexander Lecturer and ACIS Plenary Lecturer Now Closed



Roger Horn (Deakin), Chair of the ACIS Awards Committee, announced that the ACIS Board is now responsible for administering the Alexander Lectureship. He called for nominations for the 2015 lectureship in May.

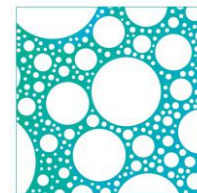
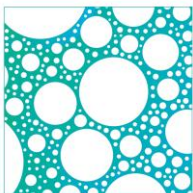
The Lecturer will be an eminent scientist who has made a significant contribution to furthering Colloid and Surface Science in Australia. They will give plenary lectures at the 7th Australian Colloid and Interface Symposium in Hobart (1st-5th February 2015) and at the University of Sydney on a date to be announced.

The A.E. Alexander Lecture was established in 1978 as a result of an appeal by the University of Sydney and the RACI Division of Colloid and Surface Chemistry. It commemorates Professor Albert 'Alex' Alexander FAA FRACI, who was Professor of Physical Chemistry at the University of Sydney from 1957-1970.

Roger also announced that ACIS will sponsor a new lectureship, The Australasian Colloid and Interface Society Plenary Lecture. He opened the call for nominations for the lectureship in May.

The ACIS Lecturer will be an international scientist who has made original and outstanding contributions to colloid and interface science. They will give a plenary lecture at the 7th Australian Colloid and Interface Symposium. The lecture is intended to complement the Alexander Lecture.

This lecture will replace the RACI Division Plenary Lecture which has been a feature of our conferences since 2004.



Activities

Join our Awards, Communications, Conferences and Events Committees

ACIS needs its members to be actively engaged. Please let us know if you would like to be involved in the committees that will run the activities of the Society: *Awards; Communications; Conferences and Events*. Or if you would like to propose other activities we should be running. **We especially invite students and early-career researchers to become involved.** Please email your interest to acis@colloid-oz.org.au.

Sponsorship of Events

ACIS Sponsorship is available for events (symposia, workshops, industry networking events, and short courses) held in Australia or New Zealand and organised by ACIS members for the benefit of the colloids and interface science community. Prospective event organizers, who wish to request ACIS endorsement and sponsorship, should supply the information requested in the form available on the website <http://colloid-oz.org.au/> at least three months in advance.

Visiting Scientist Register

Are you planning to host a visit by an outstanding scientist in the colloid and interface field? Why not let ACIS members know about the visit? We aim to keep track of visiting scientists, to facilitate their introduction to the Australasian scientific community. Please email details of the visit to acis@colloid-oz.org.au.

ACIS Membership

Please encourage your colleagues, students and industrial partners working in the field of colloids and interface to join us. General membership is \$100 per annum. The membership year is from 1st July each year. Memberships paid after this date are valid until 30th June of the following year.

More information is available on our website <http://colloid-oz.org.au/>.

Future Events

Nanobubble 2014 Conference on Nanobubbles, Gas-filled Micropancakes and their Applications (21-24 October, 2014, Shanghai).

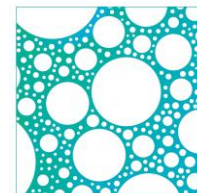
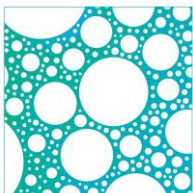
Deadline for abstract submission: 30 June 2014. <http://nanobubble2014.csp.science.cn/dct/page/1>

28th Conference of the European Colloid and Interface Society (7-12 September, Haifa Israel)

<http://www.ecis2014.org/>

SOFT FIRE 2014: SOFT Matter – from fundamental aspects to industrial perspectives - Summer school (July 29 – August 8, Cargèse, Corsica)

<https://sites.google.com/site/softfire2014/>



ACS 2014 Colloid & Surface Science Symposium (22-25 June, Philadelphia)

<http://www.colloids2014.lrsm.upenn.edu/>

UK Colloids 2014 (6-9 July, London)

<http://www.constableandsmith.com/ukcolloids2014/>

41st Annual Meeting of the Controlled Release Society (13-16 July, 2014, Chicago)

<http://www.controlledreleasesociety.org/meetings/annual/Pages/default.aspx>

6th Pacific Rim Conference on Rheology (20-25 July, 2014, Melbourne)

<http://www.cvent.com/events/6th-pacific-rim-conference-on-rheology/event-summary-90217231d3074d5f82a1841b92aa1e7e.aspx>

Advanced Materials & Nanotechnology (8-12 February, 2015, Nelson, New Zealand)

Deadline for abstract submission: 31 July, 2014

<http://www.amn-7.com/page.php?1>

15th Conference of the International Association of Colloid and Interface Scientists (24-29 May 2015, Mainz, Germany)

Abstract submissions will open on 12 August, 2014 and close on 8 January, 2015

<http://www.iacis2015.org/>

Japan Australia Colloids meeting 2015

The next Japan Australia Colloids meeting will be expanded to include other Asian countries (China, Malaysia, Thailand, HK, Taiwan, Korea and India), so it may become the Asia-Australasia Colloids meeting. ACIS will be the host in 2015 and Vince Craig will Chair the meeting. The meeting will likely be over 4-5 days between the 8th and the 22nd of November 2015. The venue is yet to be decided but will very likely be in South East Asia. The plan is to hold the meeting every 3 years, with different countries hosting.

Job Ads

Please email us ads for PhD and postdoc positions in the area of colloids and interfaces.

The Newsletter team is:

Chiara Neto - chiara.neto@sydney.edu.au

Catherine Whitby - Catherine.Whitby@unisa.edu.au

Ian Gentle - i.gentle@uq.edu.au

