

ACIS Newsletter – Issue 3, September 2014

Welcome

Dear members,

Welcome to our third 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

Abstract submissions for ACIS 2015 are due by 15th September

The next [Australian Colloid and Interface Symposium](#) will be held from 1-5th February 2015, at the Grand Chancellor Hotel in Hobart. The venue and location are excellent. [All that is needed is the essential ingredient – YOU – so submit your abstract](#). You will be notified about your presentation by 27th October. Please go to page 2 for registration news.

This biennial conference (<http://colloid-oz.org.au/acis-2015>) is the major international conference in Australia for colloid and interface science. Over 150 international and Australian delegates typically attend, making it an ideal event for meeting future colleagues, planning collaborations and discussion grant applications.

In an exciting addition to the traditional program of plenary lectures, seminars and posters, there will be a careers workshop for PhD students and early career researchers. Please go to page 3 for more information.

Announcing the plenary speakers for ACIS 2015



Roger Horn (Chair of the ACIS Awards Committee, Deakin) has announced the 2015 plenary lecturers. Several excellent candidates were nominated for the A.E. Alexander Lectureship and the ACIS Plenary Lectureship. The ACIS Board met with the ACIS Awards Committee to review the nominations. The Board and Committee voted to award them to the following people:



Paul Mulvaney (UMelb) will be the 2015 A.E. Alexander Lecturer. He was awarded this lectureship based on his outstanding research into chemistry on the nanoscale and his contributions to the Australian colloid science community. He serves on the editorial boards of *Advanced Functional Materials*, *Langmuir* and *Physical Chemistry Chemical Physics*. Paul was Chair of the RACI Colloid and Surface Chemistry Division from 2009-2011. He is Chair of the group writing the Decadal Plan for Chemistry.

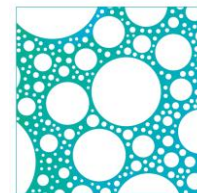
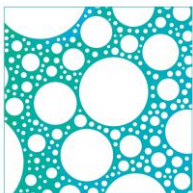


The A.E. Alexander Lectureship commemorates Professor Albert 'Alex' Alexander FAA FRACI, who was Professor of Physical Chemistry at the University of Sydney from 1957-1970.



Julian Eastoe (Bristol) will be the inaugural ACIS Plenary Lecturer. He was awarded this lectureship based on his outstanding research into surfactant chemistry. Julian was appointed to a Personal Chair in 2004. In 2007 he was awarded the Rideal Medal by the Royal Society of Chemistry for "distinction in colloid science". Julian is Co-Editor of the *Journal of Colloid and Interface Science*. He has served on the editorial boards of journals including *Langmuir* and *Colloid and Polymer Science*.

The ACIS Plenary Lectureship is awarded to an international scientist who has made original and outstanding contributions to colloid and interface science.



News from ACIS Treasurer on ACIS Registrations and Memberships



Vince Craig (ACIS Honorary Treasurer, ANU) wants everyone to take advantage the early bird rate for ACIS 2015. Significant savings can be made by registering early and using the discounted rate for ACIS members. All presenters will need to register by 10th November. Early bird registration will close on 21st November 2014.

Please note that the registration cost of ACIS 2015 has risen by about 4% since ACIS 2013. The lower accommodation costs in Hobart should, however, reduce the overall cost for delegates.

ACIS Membership is now due as membership runs from 1st July until June 30th in the following year. Membership can be renewed at <https://www.registernow.com.au/secure/Register.aspx?E=12963>. Full membership is \$100 and Student Membership is \$50.

Please note that you can pay your membership when registering for ACIS 2015. Just choose the non-member option and tick the box saying you wish to take out membership at the time of registration.

Symposium on Surfaces and Interfaces of Biomaterials



Lisbeth Grondahl (UQ) and Megan Lord (UNSW) are organizing the 5th International Symposium on Surfaces and Interfaces of Biomaterials on 7- 10th April, 2015 in Sydney. It will be held in conjunction with the 24th Annual Conference of the Australasian Society for Biomaterials and Tissue Engineering.

Michael Grunze (University of Heidelberg), Milica Radisic (University of Toronto) and Martina Stenzel (UNSW) will give keynote lectures. Abstract submission opens on 1st October 2014. For further information, please go to www.issib2015.smalltalkevents.com.au.



Check out the Blogs of these Colloid Science Communicators

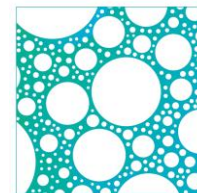
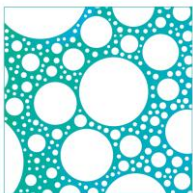


Shaun Hendy (ACIS Board Member, Auckland) recently discussed how to evaluate the outcomes of investment in science and innovation research in his blog "A measure of science" (<http://sciblogs.co.nz/a-measure-of-science/>). His posts cover topics from science communication to answering the question of how fast Santa has to travel to deliver all his gifts. He uses his blog to apply ideas from complex systems theory to how innovation works in New Zealand and overseas.

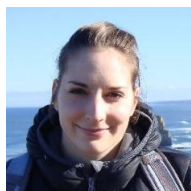


Michelle Dickinson (Auckland) discussed the new metric for scientists, the Kardashian Index, in a recent post on her blog "Ongoing Chatter from a Materials Girl wondering about what matters" (<http://matterchatter.wordpress.com/>). Her posts cover topics ranging from the nanotechnology sensors used for explosives detection to the contribution that research makes to the future of New Zealand. She uses her blog to talk about nanotechnology and materials science.

Do you blog about colloid science topics? Please let us know so we can highlight your blog in our next newsletter!



Nucleating Colloids – a Column for Students & Early Career Researchers



Introducing: Hannah Askew, PhD Student at Swinburne

Topic: Nanoscale Patterning of Lipid membranes
Industrial Research Institute Swinburne
Swinburne University of Technology

Last week I looked up from my lab book to find that I was in the final year of my PhD. If the last two years were anything to go by, I realised it would soon come to an end. I began to ponder what was waiting for me ‘out there’. Instead of placing that particular mental Post-It Note into the deepest depths of my mind (like so many others) I embarked on an often neglected activity known as reflection.

I asked myself some difficult questions and even questioned my reasons for doing a PhD. This process wasn’t easy but it enabled me to carefully consider what I wanted to do after my PhD. Shortly after, I realised reflection was only the first step. These thoughts and ideas must now be put into action, but where to start? You can find countless articles online sometimes leading to information overload and a feeling of mild nausea.

This brings me to the reason why I am writing this piece: ‘What can ACIS do for student members?’

The existence of the ACSSSC alone demonstrates the commitment of the Australasian Colloid Interface community to the development of postgraduate students. ***I believe career orientated sessions for students would be a valuable addition to both ACIS and Student Conferences.***

Last year I observed a successful format at the AVS60 conference. This involved a panel of professionals from both academia and industry. Each panelist described their individual career pathways before fielding questions from the audience. It was through this interactive Q&A platform I gained the most insight.

So before you put your head back in your lab book you might want to think about what you will do after your PhD. It might not feel like it, but it will come to an end. There are lots of different options out there. I used to think upon this as a daunting prospect but now I see it as an exciting time in my career.

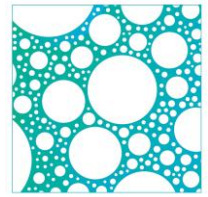
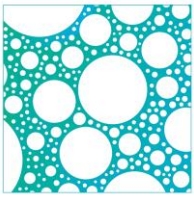
What do you think ACIS can do for student members? We would like to hear from you.

Editor’s Note: Careers Session to be held at ACIS 2015



Catherine Whitby (ACIS Board Member, UniSA) and Pat Spicer (Chair of ACIS 2015 Conference Committee, UNSW) have taken up Hannah’s challenge and are planning a careers workshop for PhD students and early career researchers at ACIS 2015. They are organising a panel of representatives who will answer questions on jobs in academia, industry and government. More information on this new session will be available soon.





Nanochemistry for Life Symposium



David Beattie (UniSA), Craig Priest (UniSA) and Catherine Whitby (ACIS Board Member, UniSA) are organizing the first RACI Division of Interfaces, Colloids, and Nanomaterials Symposium. It will be in Adelaide on the 3rd of October. The topic is Nanomaterials for Environmental and Medical/Health Research.



David Waite (UNSW) and Michael Yu (UQ) will give keynote lectures. Leading early career researchers at UniSA, Uni. of Adelaide and Flinders Uni. will give seminars.

For further information, please go to <http://wired.ivvy.com/event/373CSD>

Final Days of John Ralston's Delprat Lecture Series



John Ralston is giving the 2014 Mineral Institute (AusIMM) Guillaume Delprat Distinguished Lecture Series. John Ralston AO FAA FTSE was the inaugural President of ACIS. The lectures were organized by David Pollard of the AusIMM Metallurgical Society. The last opportunities to hear John will be:

Perth (*Enquiries:* ivor.roberts@dmp.wa.gov.au)

Monday 10 November, 5.30 for 6 pm

Celtic Club, 48 Ord Street, West Perth



Kalgoorlie (*Enquiries:* james.didovich@gmail.com)

Tuesday 11 November, 5.30 for 6 pm

Hannan's Club, Corner of Maritana and Brookman Streets, Kalgoorli



Adelaide (*Enquiries:* david.pollard@internode.on.net)

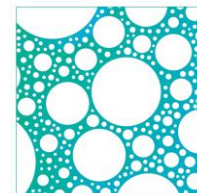
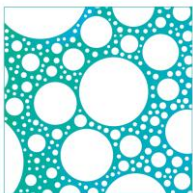
Thursday 13 November, 12.30 for 12.30 pm

Historian Hotel, Coromandel Lane, Adelaide

Brisbane (*Enquiries:* Diana Drinkwater d.drinkwater@jktech.com.au)

Tuesday 18 November, 5.30 for 6.30 pm

JKMRC, Isles Road, Indooroopilly



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.

Future Events

**4th Asia-Pacific Conference on Ionic Liquids and Green Processes / 6th Australasian Symposium on Ionic Liquids
28 September – 1 October 2014, Sydney, Australia**

<http://apcil-asil.unsw.edu.au/>

2nd International Conference on Bioinspired and Biobased Chemistry & Materials (15-17 October 2014, Nice, France)

<http://sites.unice.fr/nice2014-conference/>

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

<http://nanobubble2014.csp.escience.cn/dct/page/1>

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

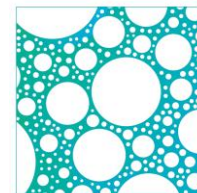
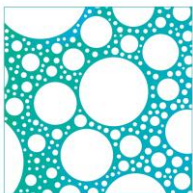
Deadline for abstract submission: 31 July, 2014

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

Arrested Gels: Dynamics, Structure and Applications (23-25 March 2015, Gonville and Caius College, Cambridge)

A call for papers will be announced in the UK summer (closing 31st October).

<http://www.colloidsgroup.org.uk/>



10th Annual European Rheology Conference (14 – 17 April 2015, Nantes, France)

Abstract submissions will close on 30 November, 2014

<http://rheology-esr.net/events/aerc-2015-nantes/>

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

Abstract submissions will close on 8 January, 2015 (<http://www.iacis2015.org/>)

89th Colloids and Surfaces Symposium (15-17 June 2015, Carnegie Mellon University)

www.colloids2015.org

Particles 2015 Particles in Diagnostics and Delivery (3 – 6 August 2015, Lisbon, Portugal)

<http://nanoparticles.org/Particles2015/>

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.

Job Ads

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

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