

ACIS Newsletter – Issue 6, June 2015

Welcome

Dear members,

Welcome to our sixth 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 C.P.Whitby@massey.ac.nz.

ACIS Board News

At the 23rd ACIS Board meeting, held on March 6th, the new Executive team of ACIS was elected, together with members of committees, as detailed below:

Executive

President



Chiara Neto (Sydney)

Vice President



Catherine Whitby (Massey)

Treasurer



Vince Craig (ANU)

Secretary and Committees:

Membership Secretary: Shaun Hendy (Auckland)

Webmaster: Tim Davey (Dulux)

Awards Committee: Roger Horn, Laurence Meagher (Monash)

Communications Committee: Chiara Neto (Sydney), Catherine Whitby (Massey), Tim Davey (Dulux), Ian Gentle (UQ), Hannah Askew (Swinburne)

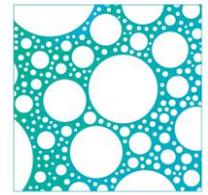
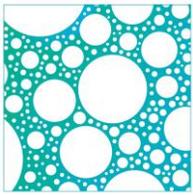
Constitutional Committee: Vince Craig (ANU), Laurence Meagher (Monash), Ray Dagastine (UniMelb)

Conferences and Events Committee: Ray Dagastine (UniMelb), Laurence Meagher (Monash), Vince Craig (ANU), Catherine Whitby (Massey), Rico Tabor (RMIT)

Student Conference 2016 Local committee: Chiara Neto (Sydney), Greg Warr (Sydney), Vince Craig (ANU), Liam Scarratt (Sydney)

Western Pacific 2015 Local Committee: Vince Craig (ANU), Catherine Whitby (Massey)

We need your help! Please get involved with a committee by talking to a member of the ACIS Board or of the committee of your interest. Our community relies on everyone's contribution.



News

ESS Symposium on Crystallography for Soft Matter



This meeting on 7-8 September 2015 at the Institute for Macromolecular Chemistry, Prague will bring together those working in highly ordered forms of soft matter from biology, polymer science and the colloidal domain with the following objectives:

- Bringing together a community working in this science field.
- Discussing instrumentation, and in particular the specific characteristics which are peculiar to these investigations.
- Defining specific requirements for neutron instruments to enable such research.

Abstracts are due by 11th July. For further information please see <https://indico.esss.lu.se/indico/event/346/call-for-abstracts/>, or email Chris Garvey (christopher.garvey@ansto.gov.au).

Abstracts for Wester Pacific Colloids Meeting are due!

The Western Pacific Colloids Meeting 2015 (WPC 2015), formerly the Japan-Australia Colloids meeting, will be held from Sunday November 15th to Thursday November 19th at the spectacular 5 star Angkor Borei Hotel in Siem Reap, Cambodia. The Call for Abstracts is now open for WPC2015. For more information and for the abstract template please visit the website <https://colloid-oz.org.au/conferences/western-pacific-colloids-symposium>. Email your abstract file to C.P.Whitby@massey.ac.nz by the **13th of July**.

2016 Student Conference Announcement

The next Colloids Student Conference will be organised by Chiara Neto, Liam Scarratt and Greg Warr from the University of Sydney, with the assistance of Vince Craig (ANU). Liam recently collated the results from a survey of staff and students regarding the last student conference in 2014. It wasn't a huge turnout data-wise (only 8 staff and 11 students), but the responses we did get have provided some useful insight into how we can make this next student conference the best yet. We are currently in discussion about specific changes to the event schedule based on these results. Please keep an eye on our ACIS LinkedIn Group for more for more updates as the months progress.

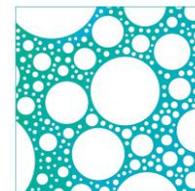
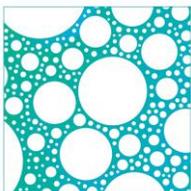


Chiara Neto, Liam Scarratt and Greg Warr (Sydney)



Use our LinkedIn Group to tell people your news

ACIS is now present on LinkedIn. Please join our LinkedIn group and post discussion items on job ads, conference calls, and interesting facts about the wonderful world of colloid and surface science.



Nucleating Colloids – a Column for Students & Early Career Researchers



By: Hannah Askew, PhD Student at Swinburne

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

Given the recent spotlight on gender equality in science it is now time to look past the media frenzy and reflect upon the responsibility we all have to make a positive impact on communities both inside and outside STEM research. How can we address gender equality in our Universities, research groups and Societies?

Over the course of my PhD I have attended several Women in Engineering/Science events organised by Universities, other organisations and conferences. These events were important for raising awareness and promoting networks however on reflection, two potential problems were highlighted.

The first was that male attendance was often low or non-existent even at events not exclusive to women. This is likely due to the perception that men cannot/ will not attend and also relates to both marketing of the event and the presence of other women-exclusive events past and present. I believe women-only events are important for building networks, support and mentoring opportunities however it is vital that men are involved in discussions surrounding gender inequality as it is damaging to the science community as a whole. My suggestion would be to look closely at how we structure and ‘brand’ certain events so gender equality isn’t just seen as a ‘Women’s issue’. I’d like to see the promotion of discussion sessions on gender equality using a panel style format involving both men and women. I have colleagues and friends (both men and women) who either don’t agree with or don’t fully understand why we need Women-only events in science and this highlights the importance of all-inclusive events for discussing gender equality.

The second was the lack of actionable strategies for addressing gender equality. I would often come away thinking we know there is a problem but what can/is being done about this? We need greater transparency on the statistics and policies but also on successful strategies being used by institutions worldwide. The New York Stem Cell Foundation (NYSCF) has developed the Initiative on Women in Science and Engineering (IWISE)^[1] and has published recommendations in the form of seven strategies for advancing women in science, medicine and engineering^[2]. A report card has also been developed “to evaluate institutions’ commitment to promoting gender equality and recognize those deemed to exhibit exceptional gender equality practices”.^[3] How does your institute perform?

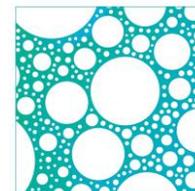
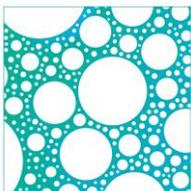
This is a complex issue and we would like to hear about the successful initiatives/policies employed at your institution to address gender inequality in STEM. Use our LinkedIn Group to join the discussion!

Links

[1] <http://nyscf.org/research/iwise>

[2] Seven Actionable Strategies for Advancing Women in Science, Engineering, and Medicine, Kristin A. Smith, Paola Arlotta, Fiona M. Watt, Susan L. Solomon, Cell Stem Cell, 2015, Vol.16(3), p.221-224.

[3] <http://nyscf.org/research/iwise/2nd-meeting-2015>



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

Bubble and Drop Interfaces (6-10 July, 2015, Potsdam, Germany)

<http://bd2015.mpikg.mpg.de/>

42nd Annual Meeting of the Controlled Release Society (26-29 July, 2015, Edinburgh, Scotland)

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

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

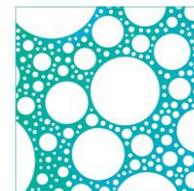
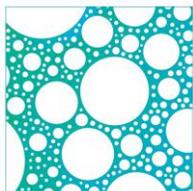
<http://nanoparticles.org/Particles2015/>

29th Conference of the European Colloid and Interface Society (6-11 September 2015, Bordeaux, France)

<http://www.ecis2015.org/index.php>

Droplets 2015 (6-8 October, 2015, University of Twente, The Netherlands)

<http://www.droplets2015.com/>



19th International Conference on Miniaturized Systems for Chemistry and Life Sciences (25-29 October, 2015, Gyeongju, Korea)

[\(http://www.microtas2015.org/\)](http://www.microtas2015.org/)

Western Pacific Colloids Meeting (15-19 November, 2015, Siem Reap, Cambodia)

Abstract submissions close on 13 July, 2015 (<https://colloid-oz.org.au/conferences/western-pacific-colloids-symposium/>)

6th Asian Conference on Colloid and Interface Science (24-27 November 2015, Sasebo, Japan)

Abstract submissions close on 15 August, 2015 (<http://www1.niu.ac.jp/accis2015/>)

2nd Annual World Congress of Smart Materials (4-6 March, 2016, Singapore)

Abstract submissions close on 25 December, 2015 (<http://www.bitcongress.com/wcsm2016/default.asp>)

16th Food Colloids Conference (10 – 13 April, 2016, Wageningen, the Netherlands)

Abstract submissions close on 27 November, 2015 (<http://www.foodcolloids2016.nl/home>)

PARTEC 2016 (19 – 21 April, 2016, Nuremburg, Germany)

<https://www.partec.info/>

10th World Biomaterials Conference (17-22 May, 2016, Montreal, Canada)

Abstract submissions close on 15 September, 2015 (<http://www.wbc2016.org/>)

90th ACS Colloid and Surface Science Symposium (5-8 June, 2016, Cambridge, USA)

<http://projects.iq.harvard.edu/colloids2016/about>

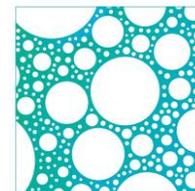
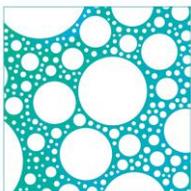
EUFOAM 2016 (3 - 6 July, 2016, Trinity College, Dublin, Ireland)

<http://www.iop.org/calendar/index.html?trumbaEmbed=view%3devent%26eventid%3d113602678>

Job Ads

Senior Lecturer (Nuclear Magnetic Resonance) University of Western Australia

The Centre for Microscopy, Characterisation and Analysis at UWA is looking for an academic to manage their NMR facility. Duties extend from supervision of the maintenance and operation of the four NMR spectrometers and training users of the facility, to undertaking research projects involving NMR spectroscopy. The position supervises a Senior Research Officer involved in the day-to-day operation of the facility. The appointee will provide leadership and expertise to academic staff and research students in all areas of NMR spectroscopy, including spectrometer operation, data acquisition and analysis. The appointee will also engage in the teaching and demonstration of NMR spectroscopy to undergraduate and postgraduate students. The closing date is Friday 31 July 2015. The post is advertised at: <http://external.jobs.uwa.edu.au/cw/en/listing/>



2 year ANU/ANSTO Joint Postdoctoral Fellow (Level A)

Prof. Yun Liu (ANU) and Dr. Dehong Yu (ANSTO) are offering a 2 year postdoctoral fellowship focused on the structural and dynamic effects of advanced functional materials like polar functional materials (such as ferroelectric and multiferroic materials), and energy conversion and storage materials mainly through neutron scattering. Demonstrated expertise in two or more of solid-state physics, neutron scattering, materials chemistry and advanced functional materials is required. The closing date is 19 July 2015. The post is advertised at: <http://jobs.anu.edu.au/cw/en/listing/>

PhD Scholarships in Polymer Chemistry, UQ

Professor Michael Monteiro of the Australian Institute for Bioengineering and Nanotechnology is seeking high-quality chemistry graduates with either Honours (1st or 2A Class) or a Masters equivalent to commence a PhD on the synthesis of new polymers and polymer nanostructures for drug and vaccine delivery, high strength coatings, membranes, stem cell scaffolds. The applicant must have a very good undergraduate record in Chemistry. The closing date is 18th August, 2015. The post is advertised at: <https://survey.its.uq.edu.au/Checkbox/monteiro.aspx>

1 year Postdoctoral Research Associate (Materials Science/Nanotechnology), UK

Dr Matteo Palma of the Dept. of Chemistry at Queen Mary, University of London is looking for a postdoctoral researcher to work on the formation of nanohybrids from carbon nanostructures towards the production of high-throughput solution processable single-molecule nanodevices, for optoelectronic and renewable energy applications. Applicants should have a PhD or equivalent in physical-chemistry, physics, engineering or other relevant discipline. They must demonstrate a solid grounding in basic wet-chemistry skills, experience with scanning probe microscopy, electrical measurements of organic nanostructures, and device fabrication or demonstrate a keen interest to learn the techniques. The closing date for applications is July 31 2015. The post is advertised at <http://www.hr.qmul.ac.uk/jobs/all/index.html>

Physical Chemistry Lecturer, Universiteit Maastricht, Netherlands

The Maastricht Science Programme is taught in English and is highly selective. Maastricht University is renowned for its unique, innovative, problem-based learning system. The candidate will be responsible for developing and teaching courses, skills and projects for bachelor students. In addition, they will supervise bachelor thesis students in their research endeavours. The closing date is 9th August 2015. The post is advertised at https://www.academictransfer.com/search_results/?q=&org_id=11

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

The Newsletter team is:

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