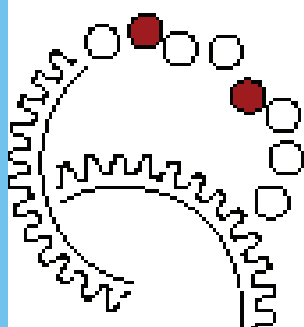


Australian Research Council
Nanotechnology Network



Welcome

Dear Members and Friends

Welcome to the nineteenth edition of the ARCNN News.

The ICONN 2010 preparations are now well underway. It will be held in Sydney at the Sydney Convention Centre on the 22nd to the 26th of February 2010.

The Australian Academy of Science is carrying out a Nanotechnology survey on collaborations, please participate in the survey.

Congratulations go to the winners of the Overseas Travel Fellowships, Young Nano Ambassador award, to the Short Term visit awardees and to the attendees at the Asia Nano Camp.

Though the ARC funding to the Network is coming to an end, we are exploring other funding avenues to continue the network activities at some level. We will update you on this when funding eventuates.

Look forward to your active participation in the network activities

C Jagadish, Convenor

ARCNN Awards and events

The Overseas Travel Fellowships were awarded to Mr Mohammad Choucair and Dr Oleh Klochan from the University of New South Wales, Miss Bianca Haberl from the Australian National University, Dr Edin Nuhiji from Deakin University, Dr Yong Wang from Queensland University and Mr Michel Giulianini from the Queensland University of Technology.

The Young Nano Ambassador award for South Australia was awarded to Dr Mahaveer Kurkuri from the Ian Wark Research Institute at the University of South Australia

The ARCNN PhD and ECR Symposium was held at the Research School of Physics and Engineering at the Australian National University on the 19th and 20th of February and was chaired by Dr Adam Micolich and Ms Hannah Joyce. Thank you to everyone for your contribution in making the symposium a successful one.

Update profiles, address changes etc

Please remember to advise address and email changes so that the ARCNN member database is kept up to date. Your current details can be checked on your online profile at <http://www.ausnano.net/index.php?page=profiles>.

If you have not submitted an online profile, we would encourage you to do so as this provides a valuable resource for researchers seeking collaboration with people who have experience or expertise in a particular nanotechnology area. A search facility is provided on the Members Profiles webpage. Researchers looking to fill postdoc positions may also use the member database to locate students with research interests and experience in particular fields.

ARCNN Awards and Deadlines - 2009

ARCNN Long and Short Term Visits

The ARCNN offers Long term and Short term funding for visits within Australia to successful applicants throughout the year. Further information about any of the funding available can be found at: http://www.ausnano.net/content/funding_and_sponsorship

Young Nanotechnology Ambassador Awards

The ARCNN will award selected students/ECRs in each state/territory of up to \$2000 to present and facilitate interest in Nanotechnology at local schools.

Reports of some of the Young Nano Ambassadors can be found at: <http://www.ausnano.net/content/reports>

Further information about the Program can be found at: http://www.ausnano.net/content/young_ambass_awards

NANOQ

Our second publication of the NanoQ magazine has now been completed and it is available. It contains articles about anything and everything Nano. It is a twice a year publication, and we are accepting contributions. The deadline for the next issue is the 28th September 2009. So if you have anything that you believe deserves to be published, please send us your contributions. Anyone interested in obtaining a copy of NanoQ, send an email to arcnn@ausnano.net along with a mailing address.

Upcoming ARCNN Supported Events

International Conference on Nanoscience and Nanotechnology (ICONN 2010)

22nd-26th February 2010

Held at: Sydney Convention Centre

Chair: Dr Calum Drummond, CSIRO

Co-Chairs: Dr Cathy Foley, CSIRO and Prof Andrew Dzurak UNSW

Abstract deadline is the 18th of September 2009.

Further details about invited speakers and various symposia can be found on the ICONN website at <http://www.ausnano.net/iconn2010>

16th AINSE Conference on Nuclear and Complementary Techniques of Analysis

25/11/2009 - 27/11/2009

Held at: Lucas Heights, Sydney

Details: http://www.ainse.edu.au/ainse/events/ncta_2009.html

Other NanoNews

Nano Survey

The Australian Academy of Science is undertaking a research project for the ARC led by Prof Chennupati Jagadish, Prof Frank Caruso and Prof Gordon Wallace. The Academy is examining Australia's Nanotechnology trends, applications and collaborations. The short online survey can be found on <http://www.esurveyspro.com/Survey.aspx?id=13c64163-2e2a-466f-8c13-37495596052c>

All individuals who complete the survey will be included in a prize draw. One person will be randomly selected to receive an ipod Nano (colour of your choice, after the survey closes on the **4th September 2009**)

The collated data of the Academy's research will be published and available late 2009. For any information or help with regards to this survey please contact Fiona Leves at the Australian Academy of Science on fiona.leves@science.org.au

IEEE Nanotechnology Council 2008 Awards – Call for Nominations

Nominations are sought for the following awards.

- (i) Nanotechnology Pioneer Award
- (ii) Early Career Nanotechnology Award
- (iii) NTC Distinguished Service Award

The Deadline for 2009 Awards is October 15, 2009. Further information can be found at <http://www.ewh.ieee.org/tc/nanotech/nominations.html>

Australian National Fabrication Facility

The Australian Government's Education Investment Fund - Super Science program has allocated \$50m for research infrastructure to the Australian National Fabrication Facility Ltd. The program embraces NCRIS principles, enhancing collaborative research and open access, focussing on internationally recognised areas of expertise, and maximising contributions to economic development. The investments will enhance the innovation capacity, the research capabilities and the international competitiveness of Australia.

The ANFFL is currently preparing the investment plan for strengthening Australia's nanotechnology infrastructure. Further information is available from the website: www.anff.org.au

National Enabling Technologies Strategy

The Government is committing \$38.2 million over four years to the National Enabling Technologies Strategy. The Strategy will provide a framework for the responsible development in Australia of enabling technologies such as biotechnology, nanotechnology and other technologies as they emerge.

The development of the Strategy commenced on 1 July 2009. It forms part of the Government's innovation agenda for Australia over the next decade, described in Powering Ideas: An Innovation Agenda for the 21st Century. The funding is split between developing biotechnology and nanotechnology measurement capabilities at the National Measurement Institute and a range of activities including policy coordination, public awareness/community engagement and industry uptake.

The Strategy will initially focus on nanotechnology and biotechnology but will also begin looking at other new technologies. The Strategy will build on the work carried out by two previous strategies: Biotechnology (2000-2008) and Nanotechnology (2007-2009).

To date the Government has been consulting broadly on the detailed development of the Strategy. The consultation process has run through August, visiting Sydney, Melbourne, Brisbane, Adelaide and Perth. The outcome of these consultations will inform advice to the Minister for Innovation, Industry, Science and Research about the strategy, with the expectation of a public announcement later in 2009.

Any queries on NETS can be directed to enablingtechnologies@innovation.gov.au.

Nanowerk

The Nanowerk website lists all the International Nano events that you will ever need to know about: http://www.nanowerk.com/phpscripts/n_events.php

Nanotechnology Facilities Database

ARCNN has added a Nanotechnology Research Facilities and Capabilities database onto our site. The aim of this database is to be a first access site to all the Nanotechnology Infrastructure facilities and capabilities available to nanotechnology researchers. All group leaders who are interested in adding their facilities onto the ARCNN site are asked to add facilities/equipment/Infrastructure. NCRIS people have been using the Network web page to get information about activities in various institutions in the country.

ARCNN Admin Contact

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For further information on ARCNN events, contact Liz or go to: www.ausnano.net