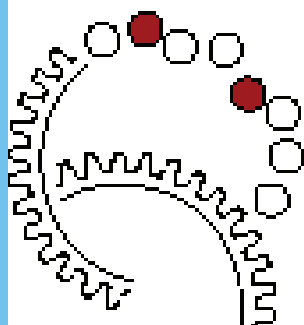


Australian Research Council  
Nanotechnology Network



## Welcome

Dear Members and Friends

Welcome to the twenty first edition of the ARCNN News.

As you might be aware the funding of the network from the ARC came to a close in 2010. The Management Committee has been active in trying to keep the network operational using residual funds. I am delighted to inform you that the Department of Innovation, Industry, Science and Research through their National Enabling Technologies Strategy program have provided funding to continue the network activities for the coming 3 years. This will allow us to keep the network operations and activities going until the middle of 2013. As this funding is not enough for all our activities to be undertaken we are seeking funding from the Universities, ANSTO,CSIRO and DSTO.

Preparations for ICONN 2012 are well under way and I hope you will make time in your diaries for the 5th to the 9th of February, 2012 to meet in Perth to discuss new and exciting advances in the field.

The Network is in the process of a change of name and management committee will discuss this at its next meeting.

The Overseas Travel Fellowship deadline is fast approaching so please make sure you get your applications in by the end of May.

Look forward to your active participation in the network activities

*C Jagadish*

*Convenor*



**Australian Government**  
**Department of Innovation  
Industry, Science and Research**



**Australian Government**  
**Australian Research Council**

## 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.

## Jobs

### *ARC Super Science Fellowship Faculty of Science (AIIIM)*

2.5 year fixed term The Australian Research Council Centre of Excellence for Electromaterials Science (ACES) brings together eminent scientists from five organisations to develop the nano-science and nano-technology related to the movement of electric charge within and between materials. The successful candidate will become an integral part of a highly multidisciplinary and collaborative research team led by Professor Gordon Wallace. Applications Close 24 April 2011 Further information can be found at [http://employment.uow.edu.au/cgi-bin/job\\_details.cgi?id=23889](http://employment.uow.edu.au/cgi-bin/job_details.cgi?id=23889)

## ARCNN Awards and Deadlines - 2011

### *Overseas Travel Fellowships*

ARCNN is offering 5 overseas travel fellowships this year. The deadline is the 31st of May 2011. Details can be found on [http://www.ausnano.net/content/overseas\\_travel](http://www.ausnano.net/content/overseas_travel)

### *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](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](http://www.ausnano.net/content/young_ambass_awards)

## NanoQ

We are in the process of collating stories for the third edition of the NanoQ magazine. The deadline for the next issue is the 30th June 2011. 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](mailto:arcnn@ausnano.net) along with a mailing address.

## 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.

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### Upcoming ARCNN Supported Events

#### 2nd Australian & New Zealand Micro and Nanofluidics Symposium

28/04/2011 - 29/04/2011

Held at: School of Mechanical and Manufacturing Engineering,  
University of New South Wales

More Details: <http://www.mech.unsw.edu.au/thermalfuids/>

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### ICONN2012

#### International Conference on Nanoscience and Nanotechnology

5/2/2012 - 9/2/2012

Held at: Perth Convention Centre, Perth, Western Australia

More Details: TBA

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### Other Nano Evens

#### The Korean International Summer School on Nanoelectronics (nano-KISS)

26/04/2011 - 29/04/2011

Held at: Palgongsan-DAEGU, Korea

more info: <http://m80.knu.ac.kr/~n-kiss2010/nkiss/>

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#### INC7: The 7th International Nanotechnology Conference on Communication and Cooperation

16/05/2011 - 19/05/2011

Held at: Tsukuba International Congress Center, Epochal Tsukuba, Japan

more info : <http://inc7.jp/>

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#### 38th International Symposium on Compound Semiconductors

22/05/2011 - 26/05/2011

Held at: Maritim proArte Hotel, Berlin, Germany

More info: <http://conference.vde.com/csw2011/ISCS/Pages/default.aspx>

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## 2011 Silicon Nanoelectronics Workshop

2/06/2011 - 13/06/2011

Held at: Rihga Royal Hotel Kyoto, Kyoto, Japan

More Info: <http://diana.pe.titech.ac.jp/~snw2011/>

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## IEEE - NANO 2011 - 11th International Conference on Nanotechnology

15/08/2011 - 18/08/2011

Held at: Portland Oregon

more info: <http://ieeenano2011.org/>

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## ICQNM 2011- The Fifth International Conference on Quantum, Nano and Micro Technologies

21/08/2011 - 27/08/2011

Held at: Nice/Saint Laurent du Var, France

more info: <http://www.aria.org/conferences2011/ICQNM11.html>

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## COMS Commercialization of Micro-Nano Systems Conference

28/08/2011 - 31/08/2011

Held at: Grandover Resort and Conference Centre, Greensboro, North Carolina, USA

more info: <http://mancef.org/COMS2011>

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## ESSDERC 2011 - 41st European Solid State Device Research Conference

12/09/2011 - 16/09/2011

41st European Solid State Device Research Conference

more info: <http://www.essderc2011.org/>

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## [IEEE NMDC 2011] IEEE Nanotechnology Materials and Devices Conference

18/10/2011 - 21/10/2011

Held at: The Shilla Jeju, Korea

more info <http://www.ieeenmdc2011.org/>

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## 2011 International Symposium on Bioelectronics and Bioinformatics

03/11/2011 - 05/11/2011

Suzhou Institute of Biomedical Engineering and Technology (SIBET), Suzhou, China

more info: <http://isbb2011.wmah.org/>

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## INTERNATIONAL CONFERENCE on NANO SCIENCE, TECHNOLOGY & SOCIETAL IMPLICATIONS NSTSI11

08/12/2011 - 10/12/2011

Held at : C.V.Raman College of Engineering, Orissa, India

more info: <http://cvrgi.edu.in/NSTSI11/home.html>

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## Other NanoNews

### 2011 Strategic Roadmap for Australian Research Infrastructure

The DIISR has released a discussion paper on 2011 Strategic Roadmap for Australian Research Infrastructure. This can be downloaded at: [http://www.innovation.gov.au/Science/ResearchInfrastructure/Documents/2011\\_Roadmap\\_Discussion\\_Paper.pdf](http://www.innovation.gov.au/Science/ResearchInfrastructure/Documents/2011_Roadmap_Discussion_Paper.pdf)

Please provide your feedback to DIISR by the 4th of May 2011

Contact Details

email [Roadmap2011@innovation.gov.au](mailto:Roadmap2011@innovation.gov.au)

Address: 2011 Roadmap

Research Infrastructure and Science Policy Branch

Department of Innovation, Industry, Science and Research (DIISR)

GPO Box 9839

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Phone: (02) 6213 6375

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### Nanotechnology 2020

The National Science Foundation(NSF) and the World Technology Evaluation Center(WTEC) have conducted a study on Nanotechnology Research directions titled "Nanotechnology Research Directions for Societal Needs in 2020 Retrospective and Outlook". You can view this report (610 pages) on the NSF website <http://www.nsf.gov/crssprgm/nano/>

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### 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](http://www.nanowerk.com/phpscripts/n_events.php)

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## ARCNN Admin Contact

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Fax: 02 6125 3915

For further information on ARCNN events, contact Liz or go to: [www.ausnano.net](http://www.ausnano.net)