



## Welcome

Dear Members and Friends,

Welcome to the twenty sixth edition of the ANN News.

The Early Career Symposium held last week at RMIT was a great success thanks to Sharath Sriram, Madhu Bhaskaran and Laurens Willems Van Beveren who co-chaired this Symposium. Congratulations go to the Winners of the poster prizes Ludovic Dumeé, Ivan Lozic, Adam Blanch and Michael Bradshaw.

The launch by the Hon Kate Lundy of the Academy of Science, National Nanotechnology Research Strategy was held at the ANU on the 7th of December. The Academy also launched Physics Decadal Plan on 6th December. [More details below.](#)

I have recently had the pleasure of attending a plenary lecture by Nobel Laureate Danny Shechtman at MRS Fall meeting in Boston. His inspirational talk is available on MRS TV and you may like to listen to this.

As always we are seeking articles to be included in our next NanoQ magazine, please contact our network manager, if you would like to contribute.

I would also like to take this opportunity to wish you all the very best for the festive season and look forward to your involvement and active participation in network activities for the coming New Year.

Happy New Year.

C Jagadish

Convenor

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## Overseas Travel Fellowships

The deadline for the next round of Overseas

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## ANN Early Career Symposium

December 15-16, 2012

Design Hub (Building 100)  
RMIT University

A big thank you to our Co Chairs , Invited speakers, sponsors and delegates.



Photos are now available on the website below

[http://www.ausnano.net/ECR2012\\_photos.php](http://www.ausnano.net/ECR2012_photos.php)

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**National  
Nanotechnology Research  
Strategy**

Travel Fellowships this year is the **28th of February 2013**. Details can be found on

[http://www.ausnano.net/content/overseas\\_travel](http://www.ausnano.net/content/overseas_travel)

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### ANN Long and Short Term Visits

The ANN 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)

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### Young Nanotechnology Ambassador Awards

The ANN will award selected students/ECRs in each state/territory of up to \$2000 to present and facilitate interest in Nanotechnology at local schools. To contact the state champions from each state and for further information on the program please go to

[http://www.ausnano.net/content/young\\_ambassador\\_awards](http://www.ausnano.net/content/young_ambassador_awards)

The latest report from a Young Nano Ambassador Awardee, Mr Tristan Clemons from the University of Western Australia who also gave a very interesting talk at the ECR Symposium at RMIT in December, and reports of some of the Young Nano Ambassadors in previous years can be found at:

<http://www.ausnano.net/content/reports>

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### Funding for Conferences, Workshops etc

An extra \$1000 funding is being offered by the ANN to successful applications for

Conferences/Workshops/Symposia to be used for the inclusion of an industry networking event or session. More details can be found on

[http://www.ausnano.net/content/event\\_sponsorship](http://www.ausnano.net/content/event_sponsorship)

The Australian Nanotechnology Alliance can be contacted for industry contacts. Please see the ANA website at <http://nanotechnology.org.au/>

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### Industry Members Sought

In order to truly represent broader Nanotechnology community in Australia, ANN is seeking members from industry working in the field of nanotechnology. Please encourage your friends and colleagues working in industry to join the Network as the membership is FREE. This will also provide opportunities for PhD students and ECRs to interact with industry members.

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### NanoQ



The launch of the Academy of Science National Nanotechnology Research Strategy took place at the Research School of Physics and Engineering at the Australian National University on the 7th of December 2012, by Senator the Hon Kate Lundy

The research strategy highlights a range of existing and emerging nanotechnology applications to improve community health and environmental stewardship, aid national security and revitalise Australian manufacturing.

You can download a copy of the document in the Australian Academy of Science website.

<http://science.org.au/policy/nanotechnology-strategy.html>

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### Physics Decadal Plan



The Academy of Science launched Physics Decadal Plan on 6th December 2012. You can download a copy of the report on

<http://www.science.org.au/natcoms/nc-physics/decadal-plan.html>

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#### Quick Links

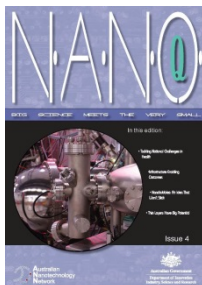
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The fourth edition of the NanoQ magazine is out now. The deadline for the next issue is the 28th February 2013. So if you have anything that you believe deserves to be published, please send us your contributions. Anyone interested in obtaining a copy of NanoQ, send an email to [arcnn@ausnano.net](mailto:arcnn@ausnano.net) along with a mailing address.

### Call for Volunteers

If you would like to be or to nominate a spokesperson for your field of interest in the Nano area please contact Liz Micalef on [ann@ausnano.net](mailto:ann@ausnano.net)

### NanoConnect

[www.flinders.edu.au/nanocconnect](http://www.flinders.edu.au/nanocconnect)

NanoConnect is a pilot program to demonstrate to businesses how nanotechnology can help improve their products and processes. Launched by Flinders University's Centre for Nanoscale Science and Technology with funding from NETS (DIISRTE), it is primarily aimed at smaller firms that don't have the knowledge base to understand emerging technologies. The program provides a simple, low-risk mechanism for companies to engage directly with the University through a single point of contact to explore opportunities for new products and high-value manufacturing that they may not be aware is even possible.

The program consists of two stages; Stage 1 is a brainstorming session with industry and academics followed by a desktop review of current relevant literature and patents, while Stage 2 provides an opportunity to take the most promising ideas into a short proof-of-concept study.

There is no cost to companies to engage in NanoConnect, but active participation is required in Stage 2 to ensure that the outcomes of the program are relevant to the company. Relatively simple, "low-hanging fruit", has been identified for over 80% of companies that have been engaged so far, indicating that Nanotechnology has great immediate potential to impact the Australian manufacturing sector. For more information, please see the website or email [nanoconnect@flinders.edu.au](mailto:nanoconnect@flinders.edu.au).

### Nanotechnology Facilities Database

### Our Sponsors



Australian Government  
Department of Industry  
Innovation, Science, Research  
and Tertiary Education

#### DIISRTE

#### Australian National University

#### ANSTO

#### CSIRO

#### DSTO

#### Deakin University

#### Flinders University

#### Griffith University

#### LaTrobe University

#### Monash University

#### Queensland University of

#### Technology

#### RMIT University

#### University of Melbourne

#### University of New South Wales

#### University of Queensland

#### University of South Australia

#### University of Sydney

#### University of Technology

#### Sydney

#### University of Wollongong

#### University of Western Australia

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### Upcoming ANN Supported Events

February 2013

#### **The Biennial Australian Colloid and Interface Symposium- ACIS**

3/2/2013-7/2/2012

**Noosa, Queensland**

This international four-day conference (plus Sunday Welcome reception), will provide an excellent opportunity for international and local colloid, surface and interface scientists to meet and discuss recent developments in their areas of research. more info:

<http://www.cvent.com/events/acis-2013/event-summary-cc62dbe210314be3b7bbbeebad80c037.aspx>

ANN has added a Nanotechnology Research Facilities and Capabilities database onto our site. The aim of this database is to enhance awareness of 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 ANN site are asked to add facilities/equipment/Infrastructure. NCRIS/EIF people have been using the Network web page to get information about activities in various institutions in the country.

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### Update profiles, address changes

Please remember to advise address and email changes so that the ANN 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.

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### Nobel Laureate - Prof Danny Shechtman

Inspirational Plenary lecture by Nobel Laureate Prof Danny Shechtman at MRS Fall meeting in Boston in November 2012. His talk is available on the following MRS TV link

<http://www.mrs.org/on-demand/#!/group.php>

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Fax: 02 6125 3915

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

### February 2014



### International Conference on Nanoscience and Nanotechnology - ICONN 2014

2-6th Feb 2014

Adelaide Convention Centre

<http://www.aomevents.com/ACMMICONN>

**Don't forget to add these dates in your diary**  
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### Other Events

**13<sup>th</sup> International Conference on Nanotechnology (IEEE-NANO)**  
**Shangrila Hotel, Beijing, China**  
**August 5 - 8, 2013**

IEEE-NANO is the flagship IEEE annual conference in nanotechnology, and one of the biggest nanotechnology conferences in the world. The theme of the conference this year will be "Nanotechnology changes human life". For detailed up-to-date information, please visit the IEEE-NANOMED conference web at <http://ieeenano2013.org/>

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