



Research School of Physics and Engineering

Weekly newsletter | Volume 40 Number 26 | 28 July – 1 August

CONGRATULATIONS NICK AND JOHN

Congratulations to our own Nick Robins and John Debs who have received two awards for Teaching Excellence. The first is from the College of Science for pioneering a new approach to teaching the Foundations Course, PHYS1001. The second is a VC Citation for Outstanding Contributions to Student Learning. *For radically innovative teaching practices in first year, incorporating elements of studio teaching, inquiry-based learning, and modern technology that inspire, motivate and inspire student learning. Well done!*

CONGRATULATIONS

Congratulations to Ethan Barden & Joe Hope for winning an ANU Vice-Chancellor's Teaching Enhancement Grants for their project *Flipping Honours Quantum*.

DIRECTOR'S COLLOQUIUM



FUSION À LA PROVENÇALE: Progress towards fusion energy at ITER

Dr David Campbell

ITER Organisation

12:00pm Thursday 31 July

Leonard Huxley Lecture Theatre

*Snacks will be provided at
11:30am prior to the Colloquium in*

the RSPE Tea Room Oliphant Building

FUTURE FELLOWSHIPS ANNOUNCEMENT

The ARC has announced the Future Fellowships for 2014.

Three applicants from RSPE were awarded funding:

Konstantin Bliokh, Vanessa Robins and Hua Xia.

Full details can be found in the link below:

http://www.arc.gov.au/pdf/FT14/FT14%20Outcomes%20by%20State%20and%20Org_Final.pdf

PHYSICS PROJECT MARKET DAY-19TH AUGUST

As part of Physics Project Market Day we request that all projects are updated on the website by **1st August**. If you want to keep current projects it is necessary to click "**Bump 2014**" which can be found through the "**Edit your profile**". If this is not performed then current projects will automatically be removed from the website.

DEPUTY DIRECTOR TECHNOLOGY DEVELOPMENT

Attention Technology Developers!

In conjunction with RSPE, the Technology Transfer Office will be holding a series of workshops over the next few months. All staff and students are welcome.

Establishing a Start-Up

9:30-12:30 Tuesday 5 August

The basics are covered such as funding, marketing and stories shared.

Industry Engagement

9:30-12:30 Tuesday 2 September

Link Seminar Room

A guide to presenting your ideas and maintaining relationships with industry.

The workshops run the first Tuesday of each month starting at 9:30 in the Link Seminar Room.

For catering purposes please register with Tim Senden two days before each workshop.

NEW RSPE DIRECTOR SEARCH

The Liaison Committee regarding the selection of the new Director to succeed Professor Steve Buckman upon his retirement has been formed.

The committee includes: Yuri Kivshar (Chair), Rana Ganguly, Rod Boswell, Rob Elliman, Andrew Truscott, Ping Koy Lam, Vanessa Robins, and Horst Punzmann.

School stakeholders could communicate (if they wish) with these members regarding pertinent matters including the process, key future issues for the School, and desired attributes in the candidates that may inform the selection process.

2014 RSPE 3MT HEAT WINNERS PROCEED TO COLLEGE FINAL

On Thursday (24 July 2014) afternoon eight RSPE students participated in the School's heat of the annual international Three Minute Thesis (3MT) competition showcasing their research. The School thanks all students who participated in the event, with all of them doing a wonderful job. At the end two students were selected to proceed to the CMBE-CPMS heat and they are Roisin Boadle the Overall Winner, with Timothy Duignan the People's Choice Winner.

We welcome everyone to come and support your RSPE 3MT winners at the CMBE-CPMS heat on 21st August at the Finkel Lecture Theatre (Time TBC).

THE PHYSICS EDUCATION CENTRE

The Education Spring Planning Day will be held on the **12th of September** this year. We have three working groups who are designing our new physics curriculum and course structure. The findings of these groups will be presented in the morning of the planning day and discussed in the afternoon. This will be an important meeting for the School, and all staff and students are encouraged to put this date in their calendar.

OHS BULLETIN

OHS courses

Chemical safety (OHSA03) **7 August**

DIRECTOR'S AWARD

Nominations are now open for the 2014 Director's Awards

Do you know someone who deserves to be nominated for a Director's award for outstanding service to the school?

The Director's awards acknowledge the service of individual staff members and/or teams above and beyond the normal requirements of their position.

All members of the RSPE community are eligible to be nominated for the awards including staff, students and visiting fellows.

The Director encourages all members of the School to discuss nominations with their heads of department and managers.

Nominations should include a citation and one paragraph supporting statement.

Nominations close **5pm Monday 12 September 2014**.

Further information:

<https://physics.anu.edu.au/intranet/directors-award.php>

Contact: RSPE Director's Office, director.RSPE@anu.edu.au

DEPARTMENTAL SEMINARS

Plasma Research Laboratory

Tokamak Edge Plasma Physics: from micro-instabilities to plasma eruptions

Professor Howard Wilson

Director, York Plasma Institute

University of York

11:00am Friday 1st August

Link Building Seminar Room

Theoretical Physics

The Worldline Path-Integral Formulation of Quantum Field Theory

Yichen (Lily) Shi

DAMTP Cambridge and Department of Physics, Harvard.

10:30am Wednesday 30 July

Theoretical Physics Seminar Room

Le Couteur (Building #59), L.3.17.