



Research School of Physics and Engineering

Weekly newsletter | Volume 40 Number 29 | 18 - 22 August

FROM THE DIRECTOR'S OFFICE

The Director will be presenting an invited talk at the 27th International Symposium on the Physics of Ionized Gases (SPIG 2014) in Belgrade, Serbia between 22-29 August. **Professor John Close** will be Acting Director during this period.

CONGRATULATIONS NICK AND JOHN

Congratulations to our own Nick Robins and John Debs who have received an award for Teaching Excellence from the College of Science. The award is for pioneering a new approach to teaching the Foundations Course, PHYS1001. They continue to demonstrate DQS leadership in UG teaching innovation. Well done!



DIRECTOR'S COLLOQUIUM

Professor Piero Baglioni from the University of Florence delivered a fascinating Director's Colloquium to a packed house. He described the development of modern technologies for art restoration and cleaning which is important for the transfer of cultural heritage to future generations.



SCHOOL SEMINAR

Life on the edge: The challenges of plasma – surface interactions for future fusion reactor

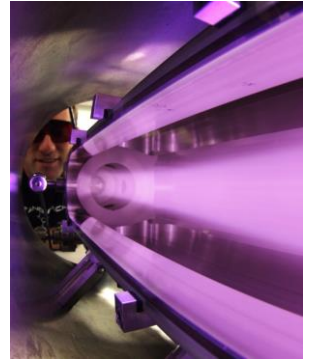
Dr Cormac Corr

Plasma Research Laboratories

4:00pm Thursday 21 August

Leonard Huxley Lecture Theatre

Please join us for drinks and nibbles after the Seminar in the RSPE Tearoom



POSTERS - PHYSICS PROJECT MARKET DAY

As the Market Day event draws near, no doubt you are all preparing your posters. Posters must be printed by **Friday August 15th at 4pm** to assist the SCU in managing the printing load. We look forward to your participation on **19th August** in Melville Hall.

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.

Industry Engagement

9:30-12:30 Tuesday 2 September

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.

TOM RHYMES TECHNICAL DEVELOPMENT AWARD

The School seeks applications from technical staff in the School for the annual Tom Rhymes award. This award was established to celebrate the life of the late Dr Tom Rhymes, an alumnus and former School Facilities and Services Manager.

Please note that the deadline for receiving applications is close of business on **Friday 19 September 2014**. A brief 'call for application' document and the relevant application form have already been circulated. If you have any queries please contact the School Manager.

WELCOME

Nonlinear Physics Centre

Welcomes **Dr Pavel Melentyev**, a visiting fellow from Russian Academy of Science is arriving today for a two week visit with NLPC.

He will have a desk in L1.11

Telephone – 51068

Email – laser.isan@gmail.com

THREE MINUTE THESIS FINALS 2014

Science Three Minute Thesis Final, **3pm, Thursday 21 August** in the Finkel Lecture Theatre, JCSMR

12 students from the colleges of science will compete for a place in the ANU 3MT final.

Please come and show your support for RSPE's 3MT finalists Roisin Boadle and Timothy Duignan.

The event will be followed by pizza and drinks in the JCSMR tearoom

JOHN CARVER SEMINAR SERIES 2014

Nominations are now being sought for the John Carver Seminar Series 2014.

The Seminar Series will be held on Thursday, 18th September 2014 from 9.30am in Leonard Huxley Lecture Theatre.

Participating students will be expected to present a 15 minute talk on their research. The talks are not followed by questions.

Prizes and Certificates will be on offer for the best and most popular student presentations (judge's vote and audience vote).

The winners may be invited to present their talk at the equivalent competition run by the NSW branch of the Australian Institute of Physics or at a regular meeting of the ACT branch of the Australian Institute of Physics.

Closing date for nominations is 5 September 2014.

Students who wish to participate in the John Carver Seminar Series 2014 are asked to forward the titles of their talks to rspe.hdr.sa@anu.edu.au by **12th September 2014** to enable us to finalise the program of the event.

To register please send an email to rspe.hdr.sa@anu.edu.au

STAFF MOVEMENTS

Electronic Materials Engineering

Professor Mark Ridgway will be absent until the 30 August, **Prof Hoe Tan** will be Acting HOD during this time.

EME Departmental Administrator **Julie Arnold** will be absent from 13-22 August. Any queries please contact her Admin buddy **Sonia Padrun** in Laser Physics.

DEPARTMENTAL SEMINARS

Quantum Science

Chemical and biological sensing using microstructured optical fibres

Dr Georgios Tsiminis

ARC Super Science Research Fellow

Institute for Photonics and Advanced Sensing (IPAS), University of Adelaide

3:00pm Monday 18 August

CQC2T Seminar Room (Bldg 38a)

Electronic Materials Engineering

Professor Dirk Grundler

Lehrstuhl für Physik funktionaler Schichtsysteme, Technische Universität München

11:00am Tuesday 19 August

RSPE Link Seminar Room

Nuclear Physics Department

Neutron-rich rhenium isotopes and the progression into triaxiality

Dr Matthew Reed

Post-doctoral researcher, Nuclear Physics Department

11:00am Wednesday 20 August

Nuclear Physics Seminar Room