



Research School of Physics and Engineering

Weekly newsletter | Volume 39 Number 41 | 18-24 October 2013

DIRECTOR'S COLLOQUIUM



Molecular Imaging: Unravelling the genetic, molecular and environmental factors in brain disease

Professor Steven Meikle

Professor of Medical Imaging Physics, Head of the Imaging Physics Laboratory, Brain and Mind Research Institute, University of Sydney

12:00 Thursday 7 November

Leonard Huxley Lecture Theatre

Snacks will be provided at 11:30am prior to the Colloquium RSPE tearoom Oliphant Building 60, ANU Campus

CONGRATULATIONS

Congratulations **to Professor Christine Charles from SP/3** on being elected a Fellow of the American Physical Society

"For discovery of current-free double layers in helicon plasma sources, development of helicon ion beam generators, and their application to space propulsion and materials modification".

STAFF MOVEMENTS

Electronic Materials Engineering

Professor Cennupati Jagadish will be attending a Journal Physics D Editorial meeting in London 19-21 October, then onto meetings with collaborators at Oxford University 22-23 October. He will then be attending the International Symposium on Semiconductors: Defects, Doping and Diffusion

(IS2D3) in Oslo Norway 27-28 October where he is the Co-Chair. After this **Professor Jagadish** will attend the 224th ECS (Energy-Water Nexus Symposium) in San Francisco 27-29 October where he is also an invited speaker.

Professor Jim Williams will also be attending the International Symposium on Semiconductors: Defects, Doping and Diffusion (IS2D3) in Oslo Norway 27-28 October where he is an invited speaker.

Professor Hoe Tan will be attending the 224th ECS (Energy-Water Nexus Symposium) in San Francisco 27-29 October where he is an Invited Speaker.

Atomic & Molecular Physics

Julia Wee, AMPL Departmental Administrator will be on leave from Monday 21 October to 8 November inclusive. Julia will be on 3 weeks annual leave, returning to the office on Monday 11 November.

Uyen Nguyen, PRL Departmental Administrator will help out while Julia is away.

DEPARTMENTAL SEMINAR

Theoretical Physics

Integrable structure of Quantum Field Theory: Classical flat connections versus quantum stationary states

Professor Vladimir V. Bazhanov

Theoretical Physics Department

11:30am Wednesday 23 October

Theoretical Physics seminar room

Le Couteur Building L3.17

Applied Mathematics

Hofmeister phenomena: weak and strong electrolytes in aqueous protein systems.

Dr Andrea Salis

Department of Chemical Sciences, University of Cagliari.

3:17pm Friday 25 October

Le Couteur Building L3.17

PHYSICS EDUCATION REPORT

The honours students will be holding final talks on their projects on the Tuesday 12th of November. Talks will start at 9:00 am and will be held in the honours lecture room in the Huxley Building near the School Computing Unit. I will circulate a schedule of talks including titles and abstracts prior to the talks. All staff and students are encouraged to attend this event. Honours is an important year for the students and for RSPE, and your support for the honours students at this

event is very much appreciated by the students, by PEC and by the School.

OHS BULLETIN

OHS training courses now at 5 Liversidge St, Building 69.
Ionizing Radiation Safety (OHS18) 22 October.

"THINK BEFORE YOU SINK"

ANUgreen has developed some 'Think Before You Sink' stickers that will be placed on sinks in labs to remind staff and students not to pour everything down the sink. This is aimed at reducing the disposal of hazardous materials into sinks. These stickers will be installed over the coming weeks.

Please ensure that anything placed in our sewers is appropriate for this type of disposal. If you have any concerns please contact your local hazardous waste officer or supervisor.

2014 ALUMNI AWARDS

The ANU Alumni Awards celebrate and showcase the outstanding and diverse range of ANU graduates.

This is RSPE's chance to celebrate and promote alumni who are making the difference and to say thank you to alumni for contributing to the University's reputation by being extraordinary.

Categories Available:

1. Alumnus of the Year (the highest honour),
2. International Alumnus of the Year,
3. Young Alumnus of the Year,
4. Student of the Year and
5. Alumni Volunteer Leader of the Year

Nominations Open: Friday 16 August 2013 &

Nominations Close: 30 November 2013 Midnight (AEST)

W: <https://alumniandfriends.anu.edu.au/alumni-awards-2014>

Please consider nominating outstanding alumni from the School. Contact: Kavitha Robinson, Development Manager, E: kavitha.robinson@anu.edu.au