



Volume 37 Number 4
4 - 10 February 2011

SEMINARS

School Seminar

Wednesday 9 February 2011, 11.00am

RSPE Link Seminar Room, Oliphant Building
New measurement capabilities from research at NMI and ANU: Atomic clocks, sports drug testing, nanometrology and more
by Bruce Warrington
CSIRO National Measurement Laboratory

EME Seminar

Friday 4th February 2011, 11:00am

RSPE Link Seminar Room, Oliphant Building
The Australian National Fabrication Facility (ANFF) Materials Node. What can it do for me?
by A/Professor Peter C. Innis
University of Wollongong

NP Seminar

Monday 7 February 2011, 11.15am

Nuclear Physics Seminar Room
The latest results from the ATLAS experiment
by A/Professor Elisabetta Barberio
School of Physics, University of Melbourne

TP Seminar

Thursday 10 February 2011, 11.00am

Seminar Room 3.17, Le Couteur Building
Watching Worlds Collide
Matthew Kleban
Department of Physics, New York University

STAFF MOVEMENTS

Dr Cormac Corr from PRL will visit the Mawson Institute, University of South Australia between 14 - 17 February. Dr Corr has been invited by the Mawson Institute to give a three day intensive workshop on low-temperature plasmas. Also Professor Mukunda Das from Theoretical Physics will attend and give an invited talk on "Vortex Physics of Novel Superconductors" in the 5th International Conference on Advanced Materials and Nanotechnology to be held in Wellington, New Zealand during 8-11 February.

VISITORS

Dr Nan Zeng is visiting from the CSIRO's Division of Materials Science and Engineering from 1 February 2011 - 30 April 2011. He will be working with Professor Andrei Rode on the study of Nanometrology Airborne Particles. Dr Zeng can be contacted in the Laser Physics Centre on extension 50031. Also A/Professor Elisabetta Barberio,

School of Physics, University of Melbourne, will be visiting the Department of Nuclear Physics 6 - 8 February.

NEW STAFF

Please welcome Dr Fenton Glass who joined PRL this week as a Plasma Diagnostic Specialist. Dr Glass will be working with the H-1 team for the next 3 years in implementing Super-Science-funded instrumentation upgrades for the H1 National Facility. Also new Technical Officers Mr Thomas Tunningley and Mr Caleb Cudu who joined the Department of Nuclear Physics. Thomas and Caleb will be starting with us on Monday 7 February, and will be located in the NP Tech Area Room 1.14, contact ext 52085.

EDUCATION MATTERS

PEC will be running a mentoring scheme for interested second year students once semester starts. Mentors can be senior academics, research fellows and post-docs, or even PhD students - anyone who is keen to bring undergraduate students into the School and willing to spend 1 or 2 hours per semester with their assigned student. We will kick start the program with a meet-your-mentor gathering one evening in March or April. If you want to participate, or if you took part in last year's pilot program and have maintained contact with your student, please contact Anna Wilson (Anna.Wilson@anu.edu.au).

Elite first year physics and maths students will have the option to participate in a short course on the "Free Will Theorem" of Conway and Kochen this semester. This interdisciplinary course will be delivered by a mathematician, a physicist and a philosopher: John Hutchinson, Craig Savage, and David Chalmers. It is available to PhD students as an add-on Advanced Studies Course (ASC) to Advanced Physics 1 (phys1101) or Honours maths (math1115). It is also open to BSc (Advanced) students in those courses.

Contact: craig.savage@anu.edu.au

OHS NEWS

The current system in obtaining SDS for chemicals has been upgraded from Chemgold 2 to Chemgold 3. The following link will direct you to the latter <http://sails.anu.edu.au/chemwatch3>. Also please note Safety Training Courses in February:

Ionizing Radiation Safety – 21st

Chemical Safety – 23rd

Corrosive Substances Safety – 11th

Enrol by emailing ohstraining@anu.edu.au