



VOLUME 37 NUMBER 19

20 – 26 May 2011

DIRECTORS COLLOQUIUM



Leonard Huxley Theatre, Thursday 19 May

As you can see there was an outstanding attendance to the second Director's Colloquium for the year. Professor Aidan Byrne's *Chernobyl 25 years on: Is there a future for nuclear power after Fukushima?* drew a large audience from across campus and outside ANU with students, academics and visitors filling the theatre. Watch this space for news regarding our next exciting speaker scheduled for **Thursday 16 June 12.30**, same place.

CONGRATULATIONS

ANU Council have announced the award of the 2010 J G Crawford Prize to former EME PhD student **Hannah Joyce** for her thesis "*Growth and Characterisation of III-V Semiconductor Nanowires for Optoelectronic Device Applications*". Hannah studied under the guidance of Professor Jagadish for several years and is now a postdoc fellow at Clarendon Laboratory, Oxford University. This prestigious award consists of a medal and \$2,000 and Hannah has been invited to receive it personally at a ceremony on 15 July at Llewellyn Hall. Congratulations Hannah.

Prasanga Palihawadena from AMPL/CAMS has been awarded a Vice Chancellors HDR Travel Grant to enable him to visit and work at California State University Fullerton for one week and present three papers at the annual APS Division of Atomic, Molecular and Optical Physics Meeting (DAMOP) in Atlanta, Georgia, in June.

STAFF MOVEMENTS

The Director has been invited to assist with the five year review of the Institute for Environmental Research (ANSTO) in Sydney and will be absent

from 23-27 May in Sydney. Professor Ken Baldwin will be acting Director during his absence.

Prof Rob Elliman, will be absent for six months on sabbatical leave from 29 May 2011. Mark Ridgway will be acting HOD EME during his absence.

Dr Matthew Hole of Plasma Research Laboratory will be visiting National Fusion Research Institute from 16 – 27 May, working in collaboration with scientists on data analysis from the superconducting tokamak KSTAR. Dr Hole's visit is funded through the Academy of Science by the Australian Korea Foundation under their ECR program.

Dr Xiwen Guan, Department of Theoretical Physics, will give an invited talk at the 5th Asia-Pacific Workshop on Quantum Information Science (5th APWOIS), the Institute of Advance Studies at NTU, Singapore from 24 - 30 May.

WELCOME

Please welcome Emilie Duong from ENSICAEN, France. Emilie is here as Occupational Trainee for the next 3 months supervised by Professor David Hinde, Department Nuclear Physics and Mr David Kelly, Electronics Unit.

CARDAX UPGRADE PROJECT

The final phase of the Cardax Project (replacement of existing swipe readers with the proximity readers) will commence between Wednesday 01/06/11 and Wednesday 08/06/11. Technical staff from Schneider can be identified by their contractor cards and high visibility vests. Reader replacement is expected to take 10-15 minutes at each door and any disruptions should be minimal. For any staff that have not yet collected their new MiFare proximity card, Security will be setting up a card distribution location at Innovations Building 124 Level 2 Foyer on Thursday 26/05/11 between 8.30am and 12.30pm.

BIKE AUDIT

An audit of bikes in the Oliphant bike shed is about to take place. This bike shed is for parking each day rather than long term storage. Any bike not in daily use should be removed. No bikes should be in offices, labs or workshops. There is a new bike shed at the northern end of Weigold building, for under cover parking.



SCHOOL SEMINARS

Mid-Term Review Seminars

Friday 27 May, 10.00-12.00

Le Couteur Seminar Level 3, Room 17

Electron and positron scattering from biologically relevant molecules

Prasanga Palihawadana (10am)

10.30 *Positron transport in biologically relevant media using Monte Carlo methods*

Wade Tattersall (10.30am)

11.15 *Experiments with cold metastable helium-stories about collision and correlation*

Ju-Kuei (Ru-Gway) Wu (11.15am)

Applied Maths Seminar

Friday 27 May 2011, 3.17pm

Link Building, Seminar Room

Dissipation and the Foundations of Classical Statistical Mechanics

Professor Denis Evans, RSC

INTERACTIVE PLASMA TALK

Tuesdays & Thursdays, 11.30am

Room 325 Oliphant Building

Professor Rod Boswell

Teaching basic physics for space, processing and fusion plasmas.

HIMALAYAN SLIDE EVENING FOR FRED HOLLOWES



Last year, Deputy Director Ken Baldwin was a member of an Australian climbing team that made the first ascent of a 6,547m Himalayan peak on the Nepal-Tibet border. The Canberra-based expedition included a number of former ANU Mountaineering Club members, including Tim Macartney-Snape - the first Australian to climb Everest and the first person to do so all the way from sea level. On **Monday May 23rd** the expedition will be holding a slide evening to help raise funds for the Fred Hollowes Foundation (\$8 for students, \$20 for others). The event will take place at **7.30pm in the Copland lecture** theatre at ANU, and hopes to raise funds for a second eye camp in a remote region of Nepal, further to the one that was held during the expedition. There is also a Yangma Expedition / Fred Hollowes Foundation donation website at

http://www.everydayhero.com.au/yangma_expedition

where the target is \$23,000 - being the amount required to run two FHF Eye Camps (including the one we have already run in Nepal during the expedition). In case people can't come to the slide evening, they can always make an Eye Camp donation on the website.