



Research School of Physics and Engineering

Weekly newsletter | Volume 39 Number 11 | 22 – 28 March 2013

FROM THE DIRECTOR'S OFFICE

Please join us to celebrate Easter with Hot Cross Buns 10:30am Thursday 28 March in the RSPE tearoom.

The School Planning Day will be held this Wednesday 27 March at Mount Stromlo.

SCHOOL SEMINAR

Physics under Pressure: New Phases of Silicon and Germanium

Dr Bianca Haberl

Electronics Material Engineering

4:00pm Thursday 28 March

Leonard Huxley Lecture Theatre

Please join us for snacks in the tearoom after the lecture

CONGRATULATIONS

Paul Altin, who gained his PhD from DQS with Nick Robins and John Close as supervisors, has gained a prestigious Fellowship from the Humboldt foundation to work in Germany. Only two applicants from Australia were selected for this special commemorative Leichhardt fellowship. Paul is working at the Max Planck Institut für Quantenoptik (MPQ) in Garching near München.

WELCOME

ANFF/Electronics Material Engineering

Please welcome **Dr Li (Lily) Li** who joins us from University of Sydney where she has just completed her PhD on Microstructural Origin of Ferro-magnetism in Co-doped ZnO DMS thin films.

Dr Li will be sitting in Leonard Huxley Bld room 4.406.

FAREWELL

Electronics Material Engineering

Farewell to Animesh Basek who is leaving us to take up a position at the University of Adelaide. We wish him every success.

STAFF MOVEMENTS

Theoretical Physics

Professor Murray Batchelor will be absent from March 25 until April 19. He will give an invited talk at the International Workshop on Critical Behaviour in Lattice Models in Beijing, April 1-4; attend the Council Meeting of the Asia-Pacific Center for Theoretical Physics, Pohang, South Korea, April 5; give an

invited talk at the Workshop on Conformal Invariance in Continuous and Discrete Systems, Simons Center, New York, April 8-12 and chair the annual board meeting of J Phys A in London, April 15-16.

Electronics Material Engineering

Professor Chennupati Jagadish will be absent from 14th - 28 March attending the The Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference (OFC/NFOEC 13) at Anaheim California and then to the UK to attend the J. Phys. D. applied Physics Editorial Board Meeting 21 - 26 March in Oxford. Included in this trip are visits to University of Southern California and University of Oxford.

Jenny Jiang will be absent from 22 March to 3 May visiting the University of Cincinnati and will be also attending the MRS Spring Meeting in San Francisco from 1 - 7 April.

DEPARTMENTAL SEMINARS

Nuclear Physics Seminar

Convergent close-coupling calculations of multiple atomic ionization

Professor Anatoli Kheifets

Atomic and Molecular Physics Laboratories

11:00am Monday 25 March

Nuclear Physics Seminar Room

PHYSICS EDUCATION CENTRE

The Centre for Physics Teaching will hold a one day RSPE education planning day on **Monday 8 April**. The planning day will be held at Mount Stromlo. All staff who are involved in teaching or who are interested in contributing to the teaching program are encouraged to attend. Please put the date in your calendars. The agenda for the discussion is not yet finalised but likely topics will include information on the basic structure of the BSc, a description of courses we offer, the ANU physics curriculum etc. At the end of the day, all staff should have a reasonable overview of the complete current teaching program including honours. There will be time in the afternoon to discuss future challenges and future directions. If there is a topic you would particularly like discussed, please send your suggestion to John Close.

OHS BULLETIN

OHS training course venue – now

5 Liversidge Street Building 69.

OHS Training for Supervisors - Tuesday, 26 March

Responsibility for Controlling Access to Hazardous or Restricted Locations

APPLICATION FOR SCHOLARSHIP

Applications are being called for the Scholarship for Space Plasma, Astronomy and Astrophysics.

The scholarship is intended to aid postgraduate students undertaking research in Space Plasma, Astronomy or Astrophysics. The scholarship could be used towards travel, acquiring of equipment or collaboration activities as required.

Further details, including eligibility and the conditions of the award, can be found at <http://students.anu.edu.au/scholarships/gr/off/dom/space-plasma.php>

Applicants need to present a case, supported by their supervisor, specifying why funding is required and how it will assist their current research.

The closing date for applications is 15th April 2013.