



Research School of Physics and Engineering

Weekly newsletter | Volume 39 Number 11 | 29 March – 4 April 2013

FROM THE DIRECTOR'S OFFICE

The funeral arrangements for our 4 CSIRO colleagues who were tragically killed at Bulli last week have been announced.

Thursday 28 – Family only private cremation for Tony Farmer

Tuesday 2nd April 2pm – **John Dunlop** (see email from Vivian below) followed by refreshments at Quest North Ryde **CONFIRMED**

Wed 3rd April 2pm – **Tony Farmer** celebration at Lindfield 2pm which will be organised by the family using CSIRO Lindfield as the venue– Mostly **confirmed**

Thurs 4th April 2:15pm – **Gerry Haddad** – Northern Suburbs – 2:15pm (see email from Jacqui below)– **CONFIRMED**

Fri 5th April 2.15pm – **Don Price** - Palm Chapel Macquarie Park followed by refreshments at Macquarie Park **CONFIRMED**

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

IEEE PHOTONICS SOCIETY SEMINAR

Photonic Start-ups in Academia and Industry

Dr Simon Poole

IEEE Photonics Society Distinguished Lecturer

2:00pm Monday 15 April

Leonard Huxley Lecture Theatre

More info about Simon and his talk can be found at

<http://photonicsociety.org/newsletters/jun12/Careers-Lecturers.html>

STAFF MOVEMENTS

Theoretical Physics

Professor Murray Batchelor will be absent from 25 March 19 - April. 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, 5 April; give an invited talk at the Workshop on Conformal Invariance in Continuous and Discrete Systems, Simons Center, New York, 8 -12 April and chair the annual board meeting of J Phys A in London, 15 – 16 April.

Electronics Material Engineering

The following people will be attending MRS Spring meeting San Francisco USA.

Professor Jim Williams 1-6 April

Dr Bianca Haberl 1-9 April

Professor Rob Elliman and **Dr Dinesh Venkatachalam**, 30 March- 12 April, who will also be attending research commitments.

A/Prof Jenny Wong Leung will be visiting the Microscopy of Semiconducting Materials Conference in Oxford UK from 6-15 April.

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

Nonlinear Physics Centre

PHD FINAL SEMINAR

Understanding light scattering by plasmonic nanoparticles through Bohr condition

Mr Wei Liu

PhD student, Nonlinear Physics Center

2:00pm Thursday 28 March

Le Couteur Seminar Room (L3.17)

Nuclear Physics Seminar

36Cl-AMS at the DREAMS facility

Dr Stefan Pavetich

Helmholtz-Zentrum Dresden-Rossendorf, Dresden, Germany

11:00am Friday 5 April

Nuclear Physics Seminar Room

Building 57, West end of Garran Road

ALL STAFF AND STUDENTS ARE WELCOME TO ATTEND

Applied Mathematics

Algorithmic challenges of phylogenetic tree reconstruction.

A/Prof Alexander Isaev

Department of Mathematics - ANU

3:17pm Friday 5th April

Le Couteur 3.17

Nonlinear Physics Centre

Computational methods for the dynamics of the nonlinear Schrodinger/Gross-Pitaevskii equations and applications

Professor Weizhu Bao

Department of Mathematics, National University of Singapore

11:00am Wednesday 10 April

Oliphant Building Seminar Room

AUSTRIAN AMBASSADOR VISIT-

PLASMA RESEARCH LAB

At the invitation of Dr. Bernhard Seiwald (PRL), the Austrian Ambassador Dr. Helmut Böck, Vice Ambassador Thorsten Eisingerich and his wife Kulwadee toured PRL labs on Monday 25 March. After a welcome by the Director, our Austrian guests visited the fluids laboratory, the H-1 Facility and the linear MAGPIE plasma device. The delegation was excited by the energy storage possibilities offered by rotating fluids and the possible future role of fusion for energy supply. After the lab tour Prof Buckman joined the group in the tea room for refreshments and discussion of possible future linkages in both research and education.



PHYSICS EDUCATION CENTRE

Education Planning Day

Monday 8 April

Mount Stromlo

The Centre for Physics Teaching will hold a one day RSPE education planning day on Monday the 8th of 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.

Manual handling (OHSG06), 8 April

Compressed gas and Cryogenic safety (OHS04), 11 April

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.