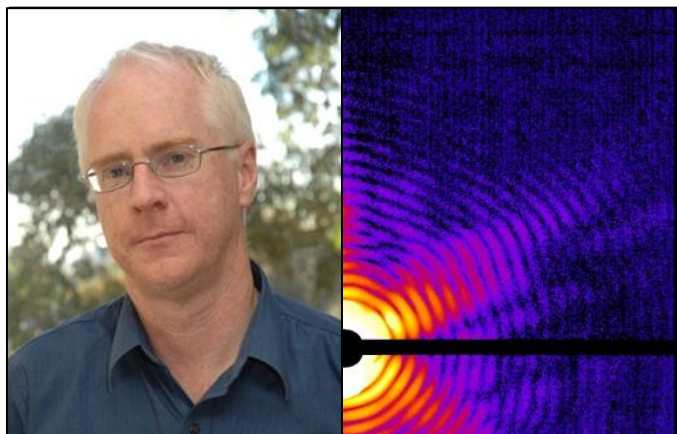




Research School of Physics and Engineering

Weekly newsletter | Volume 39 Number 7 | 22- 28 February 2013

DIRECTOR'S COLLOQUIUM



The Laser Revolution in X-ray Physics: Coherent X-rays, Free-Electron Lasers and Biomolecules

Professor Keith A Nugent

ARC Centre of Excellence for Coherent X-ray Science
La Trobe University

12:00 Thursday 7 March

Leonard Huxley Lecture Theatre

Snacks will be provided at 11:30am prior to the
Colloquium in the RSPE tearoom

SCHOOL SEMINAR

Scholarly Publishing Made Easy

Dr Maria Bellantone

Senior Publishing Editor in Physics, Springer

2:00pm Wednesday 6 March

Oliphant Conference Room

WELCOME

Electronic Materials Engineering

We would like to welcome Dr Maik Lang who is collaborating with A/Prof Patrick Kluth until March. Dr Lang is from the University of Michigan, USA

We would like to welcome back Tom Kitchen who is returning to work with Professor Rob Elliman until June.

We would also like to welcome two new PhD students: Ms Huda Alkhaldi who is working with Prof Mark Ridgway, and Mr Tuan Tran who is working with Prof Jim Williams.

DEPARTMENTAL SEMINARS

Nuclear Physics

Multi-particle transfer in nuclear collisions

Dr Maurits Evers

Research Fellow Nuclear Physics Department

11:00am Monday 25 February

Nuclear Physics Seminar Room

Dynamics of nuclear Fission using fission time scale measurement and fragment mass distribution

Dr K. Ramachandran

Research Fellow Nuclear Physics Department

11:00am Monday 4 March

Nuclear Physics Seminar Room

Electronic Materials Engineering

Nanoparticles for energy conversion/storage and biolabelling

Professor Thomas Nann

Associate Director of the Ian Wark Research Institute and Director of the South Australian node of the Australian National Fabrication Facility

10:00am Tuesday 26 February

Oliphant Seminar Room

Solids at Extreme Conditions: Coupling High-Pressure Cells with Energetic Ion Beams

Dr Maik Lang

Department of Earth and Environmental Sciences University of Michigan, Ann Arbor, USA

2:00pm Tuesday 26 February

Oliphant Seminar Room

Nonlinear Physics Centre

Nonlinear Waves in Complex Systems: essentials, problems, perspectives

Professor Sergej Flach

Institute for Advanced Study, Centre for Theoretical Physics and Chemistry, Massey University, New Zealand

11:00am Thursday 28 February

Oliphant Seminar Room

Theoretical Physics

AdS/CFT correspondence: some recent applications

Dr Mirian Tsulaia

University of Canberra

11:00am Friday 1 March

Le Couteur Seminar Room L3.17

STAFF MOVEMENTS

Laser Physics Centre

Professor Wieslaw Krolikowski will be away from 22 February to 07 March. The acting HoD will be Professor Andrei Rode.

PHYSICS EDUCATION CENTRE

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

TRAVEL GRANT FOR EARLY CAREER RESEARCHERS

The CASS Foundation is offering a Travel Grant program to assist early career researchers in the establishment phase of their careers. For the purpose of this award an early career researcher is considered to be a researcher who has had their PhD award confirmed within a five-year window between the 1st March 2006 and the 1st March 2011. That is, in the period not less than two years, or more than seven years before the closing date for this round of Travel Grant applications.

Round 1 Travel Grants - Applications close Friday 1st March 2013 5.00pm

The Travel Grants will enable early career researchers to participate in international conferences occurring between the 1st May 2013 and the 30th November 2013.

Round 2 Travel Grants

2013 Round 2 Travel Grants will open on 26th July 2013. The closing date is 30th August 2013. Contact Kavitha Robinson - E: kavitha.robinson@anu.edu.au for more information.

OHS BULLETIN

OHS training course venue is now Building 69, 5 Liversidge st.

Corrosives - Monday, 4 March

Occupational strains prevention - Thursday, 7 & 14 March

Self-contained breathing apparatus - Tuesday, 19 March

OHS Training for Supervisors - Tuesday, 26 March

Full details can be found in the HORUS Training Catalogue.

If purchasing goods direct from an overseas company, rather than through an Australian agent, the Department purchasing the goods has the responsibility of the importer, and needs to follow the ANU processes, including completing PRAMS documentation and arranging the full electrical certification of equipment by the School Electrician or Electronics Unit.

ASIA PACIFIC PHYSICS CONFERENCE

12th Asia Pacific Physics Conference (APPC12) at Makuhari, Chiba, Japan, 14-19 July 2013

Abstract submissions are now open and close on 10 April.

Registrations open 15 March

We also fixed most of the plenary speakers including two Nobel laureates. We finalized speakers of plenary session for ASEPS (AAAPPS and EPS joint session) as well. The selection of C. N.

Yang Award is in progress. Public lectures will be given on the 14 July, though lectures will be given by Japanese. The assemblies related to AAPPS and Presidents of Asian countries/ regions will be held on 14 July.

Please visit

<http://www.jps.or.jp/APPC12/abstractsubmission.html>