



VOLUME 37 NUMBER 35

9 - 15 September 2011

DIRECTOR'S COLLOQUIUM



Leonard Huxley Theatre on 8 September

Prof Mike Tobar's presentation "Atomic Clocks in Space" drew a large audience this week from across campus and outside ANU with students, academics and visitors filling the theatre. The staff and students learned about the Atomic Clock Ensemble in Space (ACES) space mission and the Australian involvement in it, including the development of ground based infrastructure of atomic clocks.

Future events can be viewed here:
<http://physics.anu.edu.au/events.php>

FROM THE DIRECTOR OFFICE

The Acting Director, Professor Steve Buckman, will be away from 18 - 30 September conducting collaborative research with colleagues in Madrid and Belgrade. He will also deliver a Colloquium at the Institute of Physics, Belgrade. Professor Ken Baldwin will be Acting Director during this period. The real Director, Professor Jim Williams, returns to the School on October 4.

AWARD

At the Eureka Prize awards ceremony last Tuesday (6 September), Dr John Arkwright from CSIRO (Adjunct Professor and Lecturer in the Physics Education Centre) was awarded the ANSTO Eureka Prize for the Innovative Use of Technology. This award acknowledges the development of optical fibres for biomedical diagnostics, in particular for the gastrointestinal tract.

SCHOOL SEMINAR PROGRAM

Tuesday 13 September, 4pm

Leonard Huxley Lecture Theatre

Quantum memory for light: fun times with hot gas

Dr Ben Buchler, Department of Quantum Science

Drinks and light refreshments will be provided in the RSPE Link Tea Room, Oliphant Building after the Seminar around 5pm.

STAFF MOVEMENTS

Theoretical Physics

Prof Mukunda Das from Theoretical Physics will be away from 11-25 September. He will visit and give a seminar on 'Centenary year of Superconductivity' at the National University of Singapore. He will Co-Chair a Focus program at the Asia-Pacific Centre for Theoretical Physics, Pohang (S. Korea) and give a series of talks on Nonequilibrium Mesoscopic Transport.

Nuclear Physics

Prof Andrew Stuchbery will be absent from the 13 – 26 September 2011 in which time he will participate in an experiment at REX-ISOLDE at Cern, Switzerland. Prof Stuchbery will present an invited talk at the XIX International School on Nuclear Physics, Neutron Physics and Applications, Varna, Bulgaria and hold discussions with colleagues relating to future experiments at GANIL, France. Prof David Hinde will be acting HoD' during this time.

Electronics Material Engineering

Mr Sherman Wong and Mr Leonardus Bayu Aji will be attending a conference in Brisbane 11 – 16 September

Prof Chennupati Jagadish and Dr Simon Ruffell will be attending a conference in Kingscliff NSW 11 – 16 September

Mr Muhammad Nawaz will be attending a conference in Warsaw, Poland Conference then travel to Islamabad, Pakistan 15 September – 3 November

DEPARTMENTAL SEMINARS

Nonlinear Physics Center

Tuesday 13 September, 2.00pm

Link Building Seminar Room, Oliphant Building

Bio-Photonics: Functional multi-modal biomedical optical diagnostics and non-invasive imaging

Dr Igor Meglinski, University of Otago, New Zealand.

All welcome.

EDUCATION BULLETIN

RSPE will be hosting this year's Australian Institute of Physics Women in Physics Lecturer 14th-16th September. Tamara Davis, an astrophysicist from the University of Queensland, will be visiting Canberra Girls Grammar and the ANU secondary college year 12 physics class as well as giving a public lecture on 15th September. The 15th



September also sees our second annual workshop for ACT physics teachers, which will combine hands-on activities in the labs (run by Andrew Papworth and Mika Kohonen) with discussions with Paul Francis and Joe Hope. We've also taken advantage of Tamara's visit to provide the opportunity for her to talk with the teachers about what inspired her to study physics and what they might do to inspire their students.

TECHNICAL REP ON SCHOOL FORUM

Please note that the closing date for nominations for the technical representative on the School Forum close on 16th September. If you have any questions, or wish to submit your nomination, please contact Graeme Cornish on x53062.