



Volume 38 Number 41

22- 27 October 2012

## FROM THE DIRECTOR'S OFFICE

The Director will be travelling to the USA for an invited talk at the Gaseous Electronics Conference in Austin, Texas 22 -27 October. **Prof. Ken Baldwin** will be Acting Director during this time.

## DIRECTOR'S COLLOQUIUM



## Science, Technology and the Cochlear Implant

**Professor Jim Patrick**

Cochlear

**12:00 Thursday 8 November**

Leonard Huxley Theatre

Please join us for snacks in the RSPE tearoom from 11:30am

## DEPARTMENTAL SEMINARS

**Atomic and Molecular Physics Laboratories**

**Spectroscopy and Dynamics of a Combustion Intermediate: HOCO**

**Prof Continetti**

Uni. Cali., San Diego

**11:00am Friday 2nd November 2012**

RSPE Seminar Room, Oliphant Building 4.14

## **Nonlinear Physics Centre**

**Quantum Optics in Weakly Nonlinear Systems**

**Dr. Tim Lieu**

Nanyang Technological University, Singapore

**Thursday, 1 November at 11am**

Oliphant Bldg Seminar Room

## WELCOME

**Electronic Materials Engineering**

Welcome to Thomas Lisy from Ausburg, Germany to the Electronic Materials Engineering Department. Thomas is an occupational Trainee visiting until Feb 13 with Dr Jodie Bradby and the Nanoindentation group.

## ANU ENERGY CHANGE INSTITUTE OPEN DAY

You are invited to the annual showcase event for the ANU Energy Change Institute - **Open Day 2012 - on Monday 29th October, at the Hedley Bull Centre, ANU.**

Open Day 2012 will showcase the highlights of ECI research during the past year through a series of talks, posters and discussion sessions, as well as two tours of the ECI research facilities.

Many researchers in the School are members of the ECI, and their work will feature in both the programme and the facility tours.

This is a registration-only event, so please register your attendance and tour requests on the ECI Open Day website:

<http://energy.anu.edu.au/event/october-29th-eci-open-day>

We look forward to seeing you at the ECI Open Day on October 29th.

## AUSTRALIA'S ENERGY FUTURE

**Tuesday 30 October 2012 8.30am for 9am – 5.15pm** followed by facilities tours.

Leonard Huxley Theatre

Drew Clarke Secretary of the Department of Resources, Energy and Tourism Professor Joachim Luther Former Director of the Fraunhofer Institute for Solar Energy Systems; and former Head, Solar Energy Research Institute of Singapore; and other speakers from industry, academia and government

**Registration required**

[ausenergyfuture.eventbrite.com](http://ausenergyfuture.eventbrite.com)

This forum is free and open to the public

**Information**

[crawford.anu.edu.au/events/content/more.php?id=7661](http://crawford.anu.edu.au/events/content/more.php?id=7661)

**Enquiries**

E [events.coombs.forum@anu.edu.au](mailto:events.coombs.forum@anu.edu.au) T 02 6125 7067



## STAFF MOVEMENTS

### ***Electronic Materials Engineering***

**Professor Mark Ridgway** will be absent from 20th October until 5th November. He is attending NuMat in Osaka and SHIM in Kyoto.

**Dr Jenny Wong-Leung** will be Acting HoD from 22nd October until 28th October and **Dr Hoe Tan will be Acting HoD** from 29th October until 5th November.

### ***Theoretical Physics***

**Professor Mukunda Das** will travel from 24 October - 5 November. During this period he will visit and give seminars in the Physics Department of National University of Singapore and Institute of Physics, Hanoi, Vietnam. We will participate and give a plenary keynote talk in the 6th International Workshop on Advanced Material Science and Nanotechnology (IWAMSN-2012) to be held at Halong Bay in Vietnam. He will also attend the Editorial Board meeting of the IOP journal of Nanoscience and Nanotechnology.

## AMPL DAY

### ***Thursday 1st November 2012***

AMPL is hosting a day of research presentations by AMPL research staff and students as well as guest speakers A/Prof. Rob Scholten (Melb. Uni.) and Prof. Scott Kable (Syd. Uni.) Talks will cover AMPL research topics such as photon physics and chemistry, BEC, positrons and low energy electrons, atmospheric physics and attosecond physics, to name just a few topics. A/Prof Scholten will present on photoionisation of laser-cooled atoms, while Prof Kable will present on Quantum mechanics and planetary atmospheres. AMPL Day will be held at University House and talks go from 9am to 5pm, with opportunities to discuss potential collaborative research proposals. Please contact Julia Wee at [ampl@physics.anu.edu.au](mailto:ampl@physics.anu.edu.au) for a copy of the program.

## PHYSICS EDUCATION CENTRE REPORT

At the PEC meeting last week, Nick Robins, John Debs and Avi Shalav presented a demonstration lecture taken from the Foundations Physics course and discussed the techniques they use to engage the students and to make the lecture successful. This will be an ongoing theme at the PEC meetings, and we encourage all staff actively involved in teaching or interested in teaching to attend. Although we do discuss important dates, deadlines and other administrative issues, the emphasis at these meetings is on physics and teaching physics.

As we approach the end of the teaching semester, we have a series of important deadlines that need to be met. All exam papers should be sent to John Close by Friday 26 October. If you cannot meet this deadline, please send John an email and let him know when you will submit your exam for PEC approval. Please grade your exam and send final grades to Laura Walmsley no more than one week after the exam

date to allow time for grades to be entered into the system. The PEC Examiners Meeting will be held on Tuesday the 27th of November starting at 1:00 pm in the CQC2T seminar room in the Department of Quantum Science. If you are a course convenor, you must attend this meeting. Please put it in your calendar. After the meeting on the 27th of November, we have less than 24 hours to make any changes to the grades before the 10:00 am deadline for submitting grades to the College on Wednesday the 28th of November. Honours theses are due on the 25th of October.

## OHS TRAINING COURSES

### **Extra Laser Safety Course**

**9:00am- 1:00pm Wednesday 21 November**

RSPE has arranged for an extra laser course to be held in the School. If you would like to attend, please advise [Anthony.Hyde@anu.edu.au](mailto:Anthony.Hyde@anu.edu.au) ASAP

### ***Workshop and trade safety***

Thursday 1 November

### ***OHS training for supervisors***

Tuesday 6 November

### ***Chemical safety***

Thursday 15 November

### ***Office injury prevention training***

Tuesday 20 November

### ***Occupational strains prevention***

Wednesday 28 November & Wednesday 5 December

### ***Manual handling***

Friday 7 December

Full details can be found in the HORUS Training Catalogue.

## MOVEMBER

November is fast approaching. I have set up a team for all those lads that would like to throw some support behind men's health. Log onto <http://au.movember.com> and register then join team MoFisica by using this link

<http://au.movember.com/team/526185>.

Come on Mo Bro's and Sista's let's get behind Movember!  
Contact Michael Blacksell for more information