



**VOLUME 37 NUMBER 31**

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## **FROM THE DIRECTOR'S OFFICE**

Our hearty congratulations to Professor Nanda Dasgupta from Nuclear Physics on the award this week of a prestigious Laureate Fellowship presented by the Minister for Science, Senator Kim Carr. Nanda was one of 17 recipients nationwide in what is a very competitive process that selects the top performing Australian Scientists in 2011. Well done Nanda!

## **STAFF MOVEMENTS**

### *Electronics Material Engineering*

Prof Jagadish and Dr Karouta will be travelling to the USA to attend the 2011 IEEE Nanotechnology Conference 13 - 21 August. Drs Ridgway, Kluth and Rodriguez and Mrs Boshra Afra will be travelling to China to attend the Radiation Effects in Insulators Conference Series and Materials Challenges for Advanced Nuclear Energy Systems 11 - 21 August. Dr Hoe Tan will be acting Acting Head of Department during this time.

### *Nuclear Physics*

Prof George Dracoulis, is currently overseas attending the Rutherford Centennial Conference at the University of Manchester where he gave an oral presentation on Deep Inelastic Spectroscopy. He will return on 16 August.

### *Plasma Research Laboratory*

Profs Charles and Boswell will be giving plenary lectures on 14 August at the International Conference 'Towards Global Artificial Photosynthesis: Energy, Nanochemistry and Governance' on Lord Howe Island.

## **SCHOOL VISITORS**

### *Laser Physics*

Prof Markus Pollnau, University of Twente will be visiting 24 August for research collaboration with Prof Barry Luther-Davies.

### *Electronics Material Engineering*

Prof Zhanghai Chen will be visiting Prof Jagadish 10 - 13 August.

## **NEW STAFF**

### *Theoretical Physics*

Welcome to Dr John Huerta, who recently obtained his PhD at UC Riverside, and takes up a one year postdoc position supervised by Prof Bouwknecht.

## **THANK YOU**

Technical staff would like to thank Julie Dalco and John Wach for arranging the recent AutoCad Inventor training. Thanks to HoDs for their support and a special mention to Tim Senden in sourcing a significant financial contribution. The training introduced design and drafting practices in this mechanical design software, an important capability to assist all our technical resources.

## **ANU SYMPOSIUM**

**Saturday 27 August 9.15am -5.00pm**

Huxley Lecture Theatre, Building 56

*Quantum Optics, the next 25 years*

*Celebrate, summarise and make predictions*

A celebration of 25 years of exciting quantum optics - many things we have in our labs, many things we know did not exist in 1985. Many gadgets we use everyday were not invented. What will the big concepts and contributions of quantum optics be in another quarter century? What will the contributions of our work today be to everyday life in 2036? An opportunity to listen to some of the most active researchers in this field, to discuss and speculate. Free lunch for all, RSVP by 17/8 [pec@physics.anu.edu.au](mailto:pec@physics.anu.edu.au) (Laura Walmsley).

## **DEPARTMENTAL SEMINARS**

### *Laser Physics*

**Wednesday 24 August, 2.00pm**

Link Seminar Room, RSPE

*Biophotonic Sensors on a Microchip for Trace-gas Detection, DNA and Enzyme Analysis, Raman Spectroscopy, and Optical Coherence Tomography*  
Prof Markus Pollnau, University of Twente

## **EDUCATION BULLETIN**

PEC is involved with the creation of a national Physics Education Network. The Network, which is supported by the Australian Council of Deans of Science, will aim to provide input into the developing national curriculum for physics at years 11 and 12, as well as working on national standards for tertiary physics education. It will also be used as a platform to foster and promote good teaching practice in university physics.

## **OLIPHANT BIKE STORE**

As mentioned previously, changes are being made to the Oliphant Bike Store. This is a reminder that access to all staff and students will be removed this week unless you asked your Departmental Administrator for access during the recent school audit. If you wish to maintain access or have access to the new Weigold Store, please email reception as soon as possible.