



## FROM THE DIRECTOR'S OFFICE

The Director will be in Malaysia 15-29 November as part of his Distinguished Visiting Professorship at the University of Malaya. He will be 26-28 November by Tim Senden, Stephen Madden, Hoe Tan, Ping Koy Lam and Isabelle Straude for a two day workshop with University of Malaya colleagues aimed at developing joint PhD projects. Professor Ken Baldwin will be Acting Director for this time.

## CMBE AND CPMS DISCOVERY FORUM

We will discuss how to improve success in the upcoming ARC Discovery Rounds. The Forum will be presented by successful ARC grant recipients with Q&A session.

**All academic staff intending to apply for an ARC DP grant are strongly encouraged to attend.**

CMBE and CPMS Discovery Forum

**9.30am – 11.30am 2 December 2014**

Finkel Theatre, JCSMR Building 131

## WELCOME

### **Electronic Materials Engineering**

Welcomes Max Proft who is an ANU Physics Honour student and is working with A/Prof Patrick Kluth for the next two months over the summer on the project 'Computer Simulation for Ion Tracks'. Max can be found in J4.16D.

We also welcomes Alex Paterson who is a summer scholar from Canterbury University Christchurch. He will be working with Jim Williams on the project 'Strain and optical properties in ion implanted silicon'. Alex will be here from now until the 21/1/15 and will be sitting in C4.36.

## STAFF MOVEMENTS

### **Applied Mathematics**

**Professor Tim Senden** will be in Malaysia for the period 25 to 29 November. **Professor Vince Craig** will take up duties as Head of Department for that period.

## DEPARTMENTAL SEMINARS

### **Nuclear Physics Seminar**

#### **Fission times of super-heavy nuclei**

#### **Professor Maurice Morjean**

Grand Accélérateur National d'Ions Lourds (GANIL)

Caen, France

**11:00am Wednesday 26 November**

Nuclear Physics Seminar Room

### **Electronic Materials Engineering**

#### **Vertically aligned semiconductor nanowire array and their applications**

#### **Professor Takashi Fukui**

Graduate School of Information Science and Technology, and Research Center for Integrated Quantum Electronics (RCIQE) Hokkaido University

**11:00am Monday 1 December**

Oliphant Building Seminar Room

### **Nonlinear Physics Centre**

#### **Electromagnetic surface waves beyond plasmonics**

#### **Dr Aloyse Degiron**

Institut d'Electronique Fondamentale, France

**2:00pm Tuesday 25 November**

Oliphant Building Seminar Room

#### **Magneto-optical and magneto-plasmonic waveguides for non-reciprocal optical transmission**

#### **Dr Navy Yam**

Institut d'Electronique Fondamentale, France

**11:00am Wednesday 26 November**

Oliphant Building Seminar Room

## OTHER SEMINARS



### **Silicon Tandem Solar Cells**

#### **Scientia Professor Martin Green**

Director of the Australian National Energy Agency (ARENA)

**8.30am Tuesday 2 December**

Manning Clark Theatre 1, ANU

Scientia Professor Martin Green will speak about the potential of Perovskites and other non-conventional materials for Solar Energy. This will be preceded by an Opening Ceremony featuring ACT Minister Simon Corbell, MLA and Parliamentary Secretary to the Minister of Environment Senator Simon Birmingham and ANU Vice-Chancellor Professor Ian Young.

<http://www.eventbrite.com.au/e/opening-ceremony-of-the-osa-light-energy-and-the-environment-congress-featuring-a-keynote-address-by-tickets-14186122073?ref=ebtnebregn>

## Solar Energy in a Sustainable World

**Professor Steven Chu**

Nobel Laureate and Former US Energy Secretary

**8.30am Friday 5 December**

Manning Clark Theatre 1, ANU



Professor Chu will share his thoughts on the current status and future prospects of photovoltaics and solar thermal energy, as well as biofuels and the conversion of sunlight/electricity to fuel. The talk will be preceded by a Plenary Opening Ceremony.

<http://www.eventbrite.com.au/e/steven-chu-plenary-address-at-the-osa-light-energy-and-the-environment-congress-solar-energy-in-a-tickets-14186360787?ref=ebtnebregn>

## IEEE ACT SEMINAR

**Hindsight is a wonderful thing**

**Professor Elanor Huntington**

Dean of the College of Engineering and Computer Science

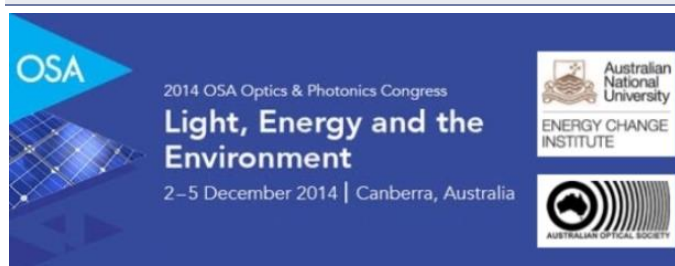
**5:30pm Thursday 27 November**

Leonard Huxley Theatre

In conjunction with the Annual General Meeting of the IEEE. Follow up program is restricted to IEEE members. For information on IEEE please contact

[fouad.karouta@anu.edu.au](mailto:fouad.karouta@anu.edu.au)

## LIGHT, ENERGY AND ENVIRONMENT CONGRESS



Two keynote sessions featuring global experts are now open to the public. Limited seats available.

The Light, Energy and the Environment Congress <http://energy.anu.edu.au/news-events/light-energy-and-environment-congress> examines the frontiers in the development of optical technologies for energy production, transport, and use. It also examines the use of optical and photonic approaches to monitor energy usage and the effects energy production has on the environment.

The Congress (2-5 December) is organised by The Optical Society <http://www.osa.org> and hosted by the ANU Energy Change Institute <http://energy.anu.edu.au> and the Australian Optical Society <http://optics.org.au>

## ANU TWILIGHT FESTIVAL 2014



**Thursday 27 November 5-8pm**

**ANU School of Art precinct Childers Street**

The ANU Twilight Festival this year will be on Thursday 27 November. <http://news.anu.edu.au/anu-twilight-festival/>

We have lots more activities this year – petting zoo, sumo suit wrestling, markets, DJs and heaps more.

All of the activities at the festival are free and there's a new kids' zone so the event is very family-friendly event.



Keep an eye out in On Campus this week as there is a feature on last year's Bake Off winner at the festival, Andrea Butler.

Andrea's winning Mango and Blackberry Velvet Cake