



# Research School of Physics and Engineering

Weekly Newsletter | Volume 40 Number 42 | 17 – 21 November

### 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 joined for the 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.

#### SCHOOL SEMINAR

# Nanophotonics with 'magnetic light'

Dr Andrey Miroshnichenko

Nonlinear Physics Centre

# 4-5pm Thursday 20 November

Leonard Huxley Lecture Theatre

Refreshments will be held in the Tea Room after the Seminar (around 5pm)

#### **CONGRATULATIONS**



The School congratulates **Ken Baldwin** for his 30 years of service to the School. This was honoured at the annual Founder's Day however Ken was unable to attend due to climbing Mt Kilimanjaro. Ken has received a commemorative clock from the School as a '30-year pin'.

### **CONGRATULATIONS**

To **Dragomir Neshev** from the Non-linear Physics Centre who has been promoted to Level E1 in the recent University Promotion round.

# WELCOME

# **Electronic Materials Engineering**

Welcome *Fajun Li* who is visiting from Harbin Institute of Technology for the next 15 months. He will be working with Prof Hoe Tan on the project 'Nanowire Detectors' and can be found in C4.36.

### OFFICIAL ANFF ACT NODE MOCVD OPENING

Tuesday 18 November will see the official opening of the new ANFF MOCVD facility by Senator Zed Seselja at 4:45pm and is coordinated through the ANU VIP Visits Office. This event will be taking place in the RSPE Tea Room area with set up commencing at around 2:30pm. Invitees will be arriving from 4:30pm onwards for the official ceremony, with a tour of the facilities taking place after the official opening.

Your cooperation with keeping the tea room area tidy and available at this time is appreciated.

### **NEW TRAVEL MANAGEMENT SYSTEM**

The new Travel Management System will be mandatory for new travel approvals from Monday 17 November. All applications currently in draft status in the old system will require re-entry into the new system.

A guideline document will be circulated within RSPE to assist in transferring to the new system, and, two sessions are available next week to come and see how to submit new approvals.

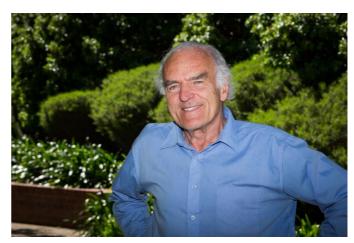
3:00pm Monday 17 November, Oliphant Seminar Room.

10:00am Wednesday 19 November, Oliphant Seminar Room.

#### ANU LOVE SCHOLARSHIPS - A GIFT OF LOVE

"I've got a lot out of the ANU and now the ANU has got a lot out of me, so to speak."

Emeritus Professor John Love, Celebration of Giving Event, University House, ANU 13 November 2014



Our very own colleague and esteemed staff member, Emeritus Professor John Love, has donated \$1million to the ANU. Vice-Chancellor, Professor Ian Young AO, announced John's gift at the 'Celebration of Giving' event last night at University House.

After a long career of teaching and research, John believes it is now time to give some more. For John, the donation is about giving back to the ANU community, which has been his defacto family for the past 40 years.

The new ANU Love Scholarships will be awarded in 2016 and will be targeted to support financial support to students who may suffer financial, social or health adversity. The scholarships will be worth up to \$50,000 over five years, and will be open to students in any field at ANU.

RSPE will match the scholarships to enable an extra Love scholarship to be awarded to a student pursuing a physics based degree.

We are grateful for John's extraordinarily generosity that will assist students reach their full potential and inspire many others to give to the ANU. John has been a great supporter and champion of the Wanda Henry Scholarship in Photonics and the newly established Achievement Prize for Third Year Physics at the School.

Thank you John!

Vision of John's gift and story:

http://news.anu.edu.au/2014/11/14/a-gift-of-love-to-anu/

Canberra Time article: <a href="http://www.canberratimes.com.au/act-news/exclusive-1-million-gift-of-love-to-anu-from-fibre-optics-pioneer-emeritus-professor-john-love-20141113-11lppe.html#ixzz3J0fC19L2">http://www.canberratimes.com.au/act-news/exclusive-1-million-gift-of-love-to-anu-from-fibre-optics-pioneer-emeritus-professor-john-love-20141113-11lppe.html#ixzz3J0fC19L2</a>

#### **DEPARTMENTAL SEMINARS**

**Nuclear Physics Seminar** 

Nucleon structure and implications for dark matter searches and nuclear structure

Professor Anthony W. Thomas FAA

CSSM University of Adelaide

11:00am Monday 10 November

Nuclear Physics Seminar Room

# 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.

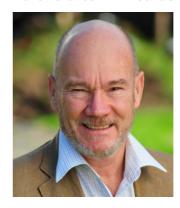
Keep an eye out in On Campus this week as there is a feature on last year's Bake-Off winner at the festival, Andrea Butler.



Andrea's winning Mango and Blackberry Velvet Cake

# THE 2014 SOLAR ORATION

#### Dare to dream! - Icarus rewritten!



5pm-7pm Monday 17 November Presented by ANU Energy

Change Institute

Speaker Greg Bourne

Chair of the Australian Renewable Energy Agency Location Manning Clark Theatre 2

Manning Clarke Centre, Union Court, ANU

Talk is followed by light refreshments Registration required

# https://solaroration2014.eventbrite.com.au

Greg Bourne will talk about the future of renewables, the creative disruption they bring and the types of responses expected from incumbent players.