



Research School of Physics and Engineering

Weekly newsletter | Volume 39 Number 21 | 31 May – 6 June 2013

FROM THE DIRECTOR'S OFFICE

The Director will be spending two weeks at the University of Malaya as a Distinguished Visiting Professor from 3-18 June. During this period he will investigate education and research possibilities, following up on a recent MoU signed between the ANU and UM in April of this year. He will also visit the University Technology Petronas to present a seminar and follow up on collaborative discussions between Petronas and RSPE.

Professor Ken Baldwin will be Acting Director for 3 - 7 June and **Professor Tim Senden** for 10 - 15 June

DIRECTOR'S COLLOQUIUM



The quest to restore vision for the blind with medical bionics: The Bionic Vision Australia research program

Professor Anthony Burkitt

Director

Bionic Vision Australia

12.00 Thursday 6 June

Leonard Huxley Lecture Theatre

Snacks will be provided at 11:30am in the tearoom prior to the Colloquium

The bionic eye - how it works

Second prototype: High-acuity neurostimulator

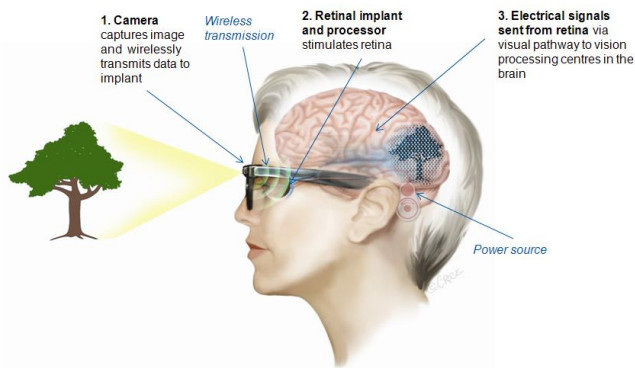


Image courtesy of Bionic Vision Australia

FAREWELL & WELCOME

Electronics Material Engineering

Farewell to Matt Wallace, Trainee Technical Officer. Matt has accepted a position in DFAT and his final day is 5 June.

Welcome to Allina Nadzri, PhD student transferring from Nuclear Physics to EME. Allina will be working with A/Prof Patrick Kluth and can be found in Cockcroft Building Room C4.47.

STAFF MOVEMENTS

Plasma Research Laboratory

Professor John Howard is travelling between 22 May -9 June to attend the International Tokamak Physics Activity 2013 Diagnostics Meeting and to participate in experiments at the DIII-D tokamak facility, Sorrento Valley, San Diego, USA.

Cormac Corr will be overseas in Europe from 27 May-8 June. Cormac will give an invited talk at the 4th Workshop on Radio Frequency Discharges in France, an invited seminar at the FOM-Institute DIFFER in the Netherlands, and will have several collaborative research meeting.

Theoretical Physics Department

Professor Murray Batchelor will be absent from 1 June to 22 July to take up an appointment at the Centre for Modern Physics, Chongqing University in China. During this time he will give an invited talk at the Institute for the Early Universe Workshop on Integrability & CFT to be held in Seoul from 18-21 July.

Nuclear Physics Department

Professor David Hinde, Prof Nanda Dasgupta and Dr Matt Reed, will be attending the International Nuclear Physics Conference (INPC2013) being held in Florence, Italy, in the period 2 – 7 June. Professor Dasgupta will be presenting a plenary talk; Professor Hinde (invited speaker) and Dr Reed are both presenting papers in the parallel sessions.

Professor Keith Fifield will be Acting Head of Department for the period 30 May - 10 June

Electronics Material Engineering

A/Prof Lan Fu will be visiting Fudan University and the Shanghai Institute of Technical Physics for collaborative meetings from 28 May - 10 June.

A/Prof Jenny Wong Leung will be an invited speaker at the 7th Nanowire Growth Workshop (NWGW) 10-12 June, in Lausanne, Switzerland. Jenny will also be visiting Professor Bengt Svensson and colleagues for further collaborative work at the University of OSLO Norway.

Dr Steffan Breuer will also be attending the Nanowire Growth Theory Meeting in Berlin 5-6 June and also the Nanowire Growth Workshop in Lausanne, France 10-12 June.

Ms Clara Teniswood is attending University of Tasmania to undergo collaborative research from 25 May - 6 June

School Electronics Unit

Please note, to comply with ANU WHS standards many of the Electronics Unit Staff will be on an Electrical Appliance Testing Refresher Course, there will only be very limited Electronics Unit support next **Wednesday 5 June**.

DEPARTMENTAL SEMINARS

Nonlinear Physics Centre

From Josephson vortices to simulations of the universe with coupled Bose-Einstein condensates

Professor Joachim Brand

Centre for Theoretical Chemistry and Physics and New Zealand Institute for Advanced Study, Massey University

11:00am Friday 7 June

Oliphant Building Seminar Room

Massless Dirac electrons in topological insulator Bi₂Se₃

Professor Michael S. Fuhrer, ACT Laureate Fellow

School of Physics, Monash University

11:00am Tuesday 11 June

Oliphant Building Seminar Room

Theoretical Physics

Dilute loop models: some recent results

Yvan Saint-Aubin

Département de mathématiques et de statistique, Université de Montréal

11:00am Wednesday 5 June

Theoretical Physics Seminar Room

Le Couteur (Building #59), L.3.17

PHYSICS EDUCATION REPORT

As we come to the end of the first semester, there are some important dates that RSPE staff need to be aware of. On the afternoon of **Tuesday 11 June**, the honours students will hold mid-year talks on their projects in the honours lecture room in Huxley. The room is located next to the school computing unit. A schedule of talks (talks beginning at 2:00 pm) will be circulated in the next days. The examiners meeting for all undergraduate physics courses and postgraduate coursework courses will be held on **Tuesday 25 June** starting at 10:00 am in the CQC2T conference room in the Department of Quantum Science. All grades should be completed and returned to Laura Walmsley by **Thursday 20 June** at 5:00 pm.

HEALTH AND SAFETY REPRESENTATIVE (HSR)

Academic and general staff (termed 'workers' under the Work Health and Safety Act, 2011) are invited to nominate for the voluntary role of 'Health and Safety Representative' (HSR) for the Designated Work Group (DWG) of RSPE. An elected HSR will have a three-year term and can be re-elected. The HSR will become a member of the existing RSPE Health and Safety Committee.

The HSR's role is to represent the health and safety interests of workers, and is independent of School management.

An elected HSR (and optional deputy) have special powers under the Work Health and Safety Act, and are therefore required to undertake an approved training course (usually 5 days, 35 hours) as soon as practicable within three months of being elected. The training costs will be met by RSPE.

Nominations are open till 28 June 2013.

The RSPE HSR Nomination Form is attached.

For further information on the role of a HSR, please contact RSPE OHS Manager, Anthony Hyde x50105

or email: Anthony.Hyde@anu.edu.au

OHS BULLETIN

OHS training course venue – now

5 Liversidge Street Building 69.

Electrical appliance testing refresher (OHSA12) - 5 June
Electrical Australian design standards (OHSA24) - 20 June

To book in for courses login to HORUS

Email: origins@simonsfoundation.org

AUSTRALIA'S BIGGEST MORNING TEA

Thank you again everyone for donating your time and money to The Biggest Morning Tea

Special thanks to **Andrea Benson** for the beautiful fruit cake that we auctioned off as she has not been well and still made the cake!

We collected \$551.70 which will be donated to the Cancer Council

A great effort – thank you everyone

THE JAZZ BAND HARMONIC PROPULSION

Christine Charles, Patrick Kluth and Rod Boswell are playing at University House bar on Friday 7 of June from 5.30 pm. Matching food will be available.

Research School of Physics and Engineering

Health and Safety Representative (HSR)

Nomination Form

For Designated Work Group: RSPE, CMPS

Name:

Email:

Comment / Experience (this may be disseminated to staff within the DWG to support your nomination)

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Signature:

Date:

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The completed form should be returned to the RSPE OHS Manager, Anthony Hyde

Or Email: Anthony.Hyde@anu.edu.au