



Volume 38 Number 33

24th- 30th August 2012

FROM THE DIRECTOR'S OFFICE

A School Executive Group has been established to enable better communication and discussion across the various major areas. The group will meet fortnightly and comprises

The Director

Deputy Director Research – Ken Baldwin

Deputy Director Education – Anna Wilson/John Close

Deputy Director Technology Development – Tim Senden

School Manager – Rana Ganguly

All staff and students are encouraged to engage with the members of the SEG and raise any issues.

We welcome Professor Andrew Roberts who began his term as Dean of the College this week. We look forward to showing him our School and meeting some of our senior staff in the near future.

The Director and the School welcomes Professor Rob Elliman of EME as the new Chair of the School's Space Committee. Rob will also assist the Director, and the School Executive Group, in pressing our claims for new building infrastructure over the coming period.

The Director will be presenting an invited lecture at a joint Atomic Data Workshop between the IAEA and the Korean National Institute of Fusion Science in Daejeon, Korea between 3-7 September. Professor Ken Baldwin will be acting Director for this period.

DIRECTOR'S COLLOQUIUM



Chronology in the first few hundred million years of the Solar System revisited

Professor Michael Paul

Racah Institute of Physics

Hebrew University, Jerusalem, Israel

12:00, Thursday 6th September

Leonard Huxley Lecture Theatre

Snacks will be provided at 11:30 am in the RSPE Tea Room

CONGRATULATIONS LIZ!

A big congratulations to Elizabeth Williams, Department Nuclear Physics, for winning The ACT Young Tall Poppy Science Award 2012 awarded by the Australian Institute of Policy and Science!

Liz was presented with her trophy and certificate last Thursday evening (16th Aug) at the CSIRO Discovery Centre. Liz is now listed as an expert in her research area with the Australian Science Media Centre and she will participate in voluntary outreach events organised by the AIPS. For more information, please see <http://news.anu.edu.au/?p=16691>.

DEPARTMENTAL SEMINARS

Laser Physics Centre

Generation of High Energy Density by fs-laser induced micro-explosion confined inside transparent and opaque solids

Eugene G. Gamaly

Laser Physics Centre

11:00 am, Thursday 30 August

Link Building Seminar room

Nonlinear Physics Centre

The role of symmetries in nanoplasmonics

Associate Prof Gabriel Molina-Terriza

Macquarie University, Sydney

11:00am, Tuesday, 28th August

Oliphant Building Seminar Room

All welcome

Space Plasma, Power and Propulsion Laboratory

"Hands on" lectures on Music Harmony

Professor Christine Charles

Space Plasma, Power and Propulsion Laboratory

Fridays, 1.15 to 1.45 pm

Room 325 Oliphant Building

STAFF MOVEMENTS

Mechanical Workshop

Craig Young, Manager of the Mechanical Workshop is on leave until October. Stephen Battisson will be acting in this role for the next couple of months.

Nuclear Physics

Dr David Weisser, will be overseas in the period 28 Aug to 23 Sept. Whilst overseas Dr Weisser will be presenting a talk at the 3rd International Symposium on Negative Ions,



Beams and Sources, being held at the University of Jyväskylä, Finland, 3 - 7 Sept 2012.

Dr Matthew Reed, will be away until the 13 Sept. Dr Reed will be attending the experiment "Deep-Inelastic Reactions with the IGISOL Technique for the Production of Heavy Neutron-Rich Isotopes, taking place at the University of Jyväskylä, Finland, in the period 27 Aug to 2 Sept.

Atomic and Molecular Physics Laboratories

Emeritus Prof. Erich Weigold will be overseas for the period 21 August to 5 September. He will give the opening Plenary Talk at the Second International Symposium on Electron Momentum Spectroscopy (ISEMS2) in Brussels, Belgium. He will also give an invited talk at the International Conference on Many Particle Spectroscopy of Atoms, Molecules, Clusters and Surfaces, August 27 to September 1, being held in Berlin.

Prof. Anatoli Kheifets will be overseas from 19 August to 21 September. He will present invited talks at the same International Conference on Many Particle Spectroscopy of Atoms, Molecules, Clusters and Surfaces and at ISEMS2 as well. He will also present a hot topic to the International Conference on Electron Spectroscopy and Structure in Saint Malo, France. Between the conferences, Prof. Kheifets will be carrying out collaborative work with the group of Atomic and molecular physics of unbound systems at the Universidad Autónoma de Madrid.

ELECTRICAL SAFETY

We had a small electrical fire event in a rack mounted UPS yesterday. Fortunately the incident was dealt with promptly and safely and no one was injured. This is a good occasion to ensure that all electrical equipment in your offices, labs, kitchens etc. is electrically tested and tagged. If you require assistance in this process please contact School Facilities and Services.

SCHOLARSHIPS

Scholarship for Space Plasma, Astronomy and Astrophysics

New Scholarship - Call for Application

The Space Plasma, Astronomy and Astrophysics scholarship has been established to aid postgraduate students undertaking research in Space Plasma, Astronomy or Astrophysics. The scholarship could be used towards travel, acquiring of equipment or collaboration activities as required.

One or two scholarships are available per year. The value of the scholarship is \$4,000

Students currently enrolled in a graduate research program (Doctor of Philosophy or Master of Philosophy) in the College of Physical and Mathematical Sciences are eligible to apply.

The closing date for application is **5pm 30th August 2012**

The Dunbar Physics Honours Scholarship

GO BEYOND THE LAB

A new scholarship has been established at the Research School of Physics and Engineering to promote physics education. The Dunbar Physics Honours Scholarship has been established in memory of the late Professor Noel David Dunbar who was the foundational Professor of Physics at the ANU from 1958 to 1968 and Deputy Vice-Chancellor of ANU from 1968 to 1977.

Ten scholarships with a stipend of up to \$10,000 and an additional living and accommodation allowance of up to \$15,000 will be available. Scholarships will be awarded based on academic merit. On-campus accommodation for interstate and New Zealand recipients will be guaranteed and accommodation support for local students will be considered.

Travel grants are available for potential students to visit RSPE to discuss interests and diverse range of research options.

W: physics.anu.edu.au/education/dunbarscholarship

Further Information:

For Scholarship Terms and Conditions or further queries, contact E: research.students@physics.anu.edu.au

T: +61 2 6125 1315

CANON INFORMATION SYSTEMS RESEARCH AUSTRALIA (CISRA) PRIZE 2012

An award will be presented, on Founder's Day (12 October 2012), to a student who is author (or joint author) of a research paper seen by the Selection Panel as making a substantial and original contribution to scholarship in physics. Eligible candidates for the Award will have made the major contribution towards the research.

Nominations for the Award may be made by Heads of Departments, supervisors and students.

Deadline for receipt of papers is 7 September 2012.

For further information please contact:

Research.students@physics.anu.edu.au