

Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 34 Number 32
15 – 21 August 2008

SCHOOL SEMINARS

FLUIDS / PLASMA SEMINAR

Wednesday 20 August 2008

11.00am

“Gravity wave turbulence: laboratory studies”

by Dr Sergei Lukaschuk, University of Hull, UK
Link Building Seminar Room

Australian Institute of Physics ACT Branch Meeting – August ACT:

Wednesday 20 August 2008

6.30-7.30pm

American Institute of Aeronautics and Astronautics

“Pushing the envelope – the science of flight testing”

by Antonio Di Pietro, former naval aviator and experimental test pilot.

The Finkel Lecture Theatre, New John Curtin School of Medical Research Building, Building #131 Garran Rd, Australian National University

Antonio will provide insight into the science of flight testing that will draw upon his experiences testing over 68 different flying machines, including fighter jets and helicopters.

For more information, contact Michael West
michael.west@anu.edu.au

PHYSICS DISCIPLINE SUB-COMMITTEE AGENDA

Thursday 21 August 2008

1.00-3.00pm

Education is an important part of ANU's national leadership role in the physical sciences. This meeting is the place to input your ideas for developing our education program. Major changes must be approved by this committee. All welcome.

1. Summary of our current position and future plans.

2. Undergraduate optics program.

3. Coursework masters programs.

4. Honours program.

5. Strategic directions for physical sciences education.

6. Any other business.

RSPHysSE Link Bldg Seminar Room.

STAFF MOVEMENTS

Professor Steve Buckman and Dr James Sullivan (CAMS/AMPL) will present Invited talks at the 24th Summer School on the Physics of Ionized Gases in Novi Sad, Serbia, (25-29 August) and the Second International Workshop on Non-Equilibrium Processes in Belgrade (23-24 August). Both will then undertake collaborative research activities with colleagues in Madrid and Heidelberg respectively, until 6 September.

CAMS NEW STAFF

CAMS/AMPL would like to welcome Dr Colin Taylor who is commencing his appointment as Chief Operations Officer of CAMS from 18 August. He will initially be located in Room C4.10. Please make him welcome.

VISITORS

Professor Sang-Hoon Kim from the Mokpo Maritime University, South Korea has joined Theoretical Physics as a Visiting Fellow under the agreement of the Australian Academy of Science and Korean Science and Engineering Foundation. Professor Kim will be in the School until 22 August, working on Bose-Einstein Condensation with Professor Mukunda Das.

FROM THE ACTING FACILITIES & SERVICES MANAGER

Road Closure this Saturday

The section of Garran Road from the West of Ward Road down to the first bend (out the front of JSMCR) is scheduled for repair on Saturday 16

August. Traffic measures will be in place, but delays will occur. Please try to use other entrances to the area if possible.

An area outside the Store at the West End of the Cockcroft Building will be repaired at the same time, so please do not park in this area.

Fire Trip Testing this Saturday

This Saturday morning, 16 August, we are having a test of the fire evacuation system to ensure that all external doors open correctly in-case of an emergency. This testing will be performed by ANU Security and our external contractor, TAC. This work will take a couple of hours to complete, and we may have alarms sound and internal fire doors will close. Please ensure you are carrying your ID card, for identification purposes, as sections of the complex will be unlocked, and security staff will be in attendance.

GRANTS AND AWARDS

Sigma Xi

Program Number: 02055

Title: Grants-in-Aid of Research

E-mail: gjar@sigmaxi.org

Web Site: <http://www.sigmaxi.org>

Program URL:

<http://www.sigmaxi.org/programs/gjar/index.shtml>

Graduate and undergraduate student grants-in-aid are offered for scientific investigation in any field. Awards are for a maximum of \$1,000, except in the fields of astronomy and eye or vision research, where special funds allow for awards up to a maximum of \$5,000. **Deadline(s): 15/10/2008 15/03/2009**

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?02055

\Canadian High Commission

Program Number: 22397

Title: Program for International Research Linkages (PIRL)

E-mail: prue.torrance@international.gc.ca

Web Site: <http://www.acsanx.org.au/funding.html#pirl>

Program URL:

http://www.acsanx.org.au/forms/irl_guidelines.pdf

The sponsor offers awards of up to CDN\$10,000 to promote and facilitate international collaborative research between research teams from Canada and one or more countries where Canadian Studies are represented. Project proposals must be submitted on behalf of two research teams (one in Canada and one elsewhere) and each research team must

consist of two or more researchers, with at least one having completed graduate studies. Research must be in the field of Canadian Studies, which can include work of a comparative nature in which Canada represents a substantial part. The maximum value of the award is C\$10,000. Smaller grants may be made.

Deadline(s): 23/11/2008

DEADLINE NOTE

Applicants from Australia or New Zealand are strongly recommended to submit their proposals to the Association for Canadian Studies in Australia and New Zealand (ACSANZ) for pre-selection and endorsement. The deadline for applications via ACSANZ is November 23rd.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?22397

Australian Academy of Science

Program Number: 22863

Title: Selby Travelling Fellowship

E-mail: aas@science.org.au

Web Site: <http://www.science.org.au/>

Program URL:

<http://www.science.org.au/awards/selby.htm>

Nominations are invited for the Selby Fellowship. Fellowships are awarded to distinguished overseas scientists to visit Australia for public lecture/seminar tours and to visit scientific centres in Australia. Fellowships are tenable for visits of between two weeks and three months. Overseas and local air fares (economy) and a daily allowance are provided.

Deadline(s): 30/09/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?22863

Australian Academy of Science

Program Number: 61284

Title: Pawsey Medal

E-mail: ac@science.org.au

Web Site: <http://www.science.org.au/>

Program URL:

<http://www.science.org.au/awards/pawsey.htm>

The Pawsey Medal recognises outstanding research in physics by scientists under 40 years of age. The award is made annually and is restricted to candidates who are normally resident in Australia and for research conducted mainly in Australia.

Deadline(s): 30/08/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?61284

Sigma Xi

Program Number: 75239

Title: William Procter Prize for Scientific Achievement

E-mail: awards@sigmaxi.org

Program URL:

<http://www.sigmaxi.org/programs/prizes/procter.shtml>

The sponsor awards an annual prize to a scientist who has made an outstanding contribution to scientific research and has demonstrated an ability to communicate the significance of this research to scientists in other disciplines.

Deadline(s): 01/10/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?75239

Sigma Xi

Program Number: 75241

Title: John P. McGovern Science and Society Award

E-mail: awards@sigmaxi.org

Program URL:

<http://www.sigmaxi.org/programs/prizes/mcgovern.shtml>

The sponsor awards a prize to a researcher who has made an outstanding contribution to science and society. The recipient presents the annual John P. McGovern Science and Society Lecture at the sponsor's annual meeting.

Deadline(s): 01/10/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?75241

Australian Academy of Science

Program Number: 89259

Title: Moran Medal

E-mail: ac@science.org.au

Web Site: <http://www.science.org.au>

Program URL:

<http://www.science.org.au/awards/moran.htm>

The sponsor provides an award to recognise outstanding research by scientists 40 years and under, except in the case of significant interruptions to a research career, in one or more of the fields of applied probability, biometrics, mathematical genetics, psychometrics and statistics. **Deadline(s): 30/08/2008**

DEADLINE NOTE

The award is normally made every two years.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?89259

Australian Academy of Science

Program Number: 89471

Title: Lyle Medal

E-mail: ac@science.org.au

Web Site: <http://www.science.org.au>

Program URL: <http://www.science.org.au/awards/lyle.htm>

The purpose of the medal is to recognise outstanding achievement by a scientist in Australia for research in mathematics or physics.

Deadline(s): 30/08/2008

DEADLINE NOTE

The award is normally made every two years.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?89471

Australian Academy of Science

Program Number: 89472

Title: Jaeger Medal

E-mail: ac@science.org.au

Web Site: <http://www.science.org.au>

Program URL:

<http://www.science.org.au/awards/jaeger.htm>

The award is made to a scientist for investigations of a high order into the solid Earth or its oceans carried out in Australia or having some connection with Australian Earth science.

Deadline(s): 30/08/2008

DEADLINE NOTE

The award is normally made every two years.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?89472

Australian Academy of Science

Program Number: 89475

Title: Haddon King Medal

E-mail: ac@science.org.au

Program URL:

<http://www.science.org.au/awards/haddon.htm>

The Haddon King Medal recognises the contributions of the late Haddon King to the application of the geological and related sciences to the search for mineral deposits in Australia.

Deadline(s): 30/08/2008

DEADLINE NOTE

The award is normally made every two years.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?89475

American Society for Mass Spectrometry

Program Number: 68751

Title: Biemann Medal

E-mail: judith@asms.org

Web Site: <http://www.asms.org>

Program URL:

<http://www.asms.org/Default.aspx?tabid=91>

The Biemann Medal is awarded to an individual early in his or her career in recognition of significant achievement in basic or applied mass spectrometry.

Deadline(s): 30/11/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?68751

American Society for Mass Spectrometry

Program Number: 76940

Title: Award for a Distinguished Contribution in Mass Spectrometry

E-mail: judith@asms.org

Web Site: <http://www.asms.org>

Program URL:

<http://www.asms.org/Default.aspx?tabid=91>

The sponsor supports an award to recognize a focused, singular achievement in or contribution to fundamental or applied mass spectrometry.

Deadline(s): 30/11/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?76940

University of New South Wales

Program Number: 85059

Title: Taste of Research Summer Scholarships

E-mail:

Web Site: <http://www.eng.unsw.edu.au>

Program URL:

<http://www.eng.unsw.edu.au/current/scholar/tasteof.htm>

The sponsor allows students to see what research is about and explore research careers.

Deadline(s): 30/09/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?85059