

Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 33 Number 40
19 – 25 October 2007

FOUNDER'S DAY

All staff and students are invited to Founder's Day on Friday 19 October. Technical displays will be available from 8.30am in the Oliphant Building Foyer. The Director's Opening Presentation starts at 9.00am in the Leonard Huxley Lecture Theatre, followed by departmental presentations. A BBQ lunch will be provided in the Oliphant Building Tea Room area from 12.45pm.

CONGRATULATIONS

RSPHysSE won the ACT Chief Minister's Export Award 2007 (Education Category).

The Department of Theoretical Physics congratulates Mathew McGann for being awarded a Vice-Chancellor's HDR Travel Grant to undertake research collaboration at the Princeton Plasma Physics Laboratory, USA.

SCHOOL SEMINARS

AFAS ACT TALK - AFAS (ACT) Inc
Tuesday 23 October 2007

18.00 for 18.30

“Sea Levels: past present and future”

Will we wade to work?

by Professor Kurt Lambeck

AustralianFrench Association for Science and Technology (ACT) Inc

Professor Kurt Lambeck is the President of the Australian Academy of Science. He is a geophysicist/planetologist and for many years Professor of Geophysics at the Australian National University. His research interests centre on the interactions between ice sheets, oceans and the solid Earth, as well as the rise and fall of sea levels and their effect on human civilisations.

As usual AFAS will be providing drinks and light refreshments

WHERE: ANU campus, RSPHysSE, end of Mills Road, Seminar Room

Please reply to Irina.Borissova@ga.gov.au by

COB Monday 22 October whether you are planning to attend (for catering purposes).

STAFF MOVEMENTS

Professor Jagadish, EME, will be away from 22 - 28 October, attending the IEEE Lasers and Electro-Optics Society (LEOS) Annual Meeting in Orlando and other LEOS related Committee Meetings. Jagadish will then visit the University of Cincinnati to discuss collaborative research.

Dr Patrick Kluth and Dr Douglas Da Silva of EME, will conduct SAXS measurements from 22 - 28 October at the Argonne National Laboratories Chicago, USA.

GRANTS & AWARDS

McDonnell (James S.) Foundation

Program Number: 54736

Title: 21st Century Collaborative Activity Awards-Studying Complex Systems

E-mail: collaborative@jsmf.org

Web Site:

http://www.jsmf.org/apply/collaborative/application_process.htm

Program URL:

<http://www.jsmf.org/apply/collaborative/index.htm>

The sponsor provides support to initiate interdisciplinary discussions on problems or issues, to help launch interdisciplinary research networks, or to fund communities of researchers/practitioners dedicated to developing new methods, tools, and applications of basic research to applied problems. All proposed activities must involve multi-institutional collaboration.

DEADLINE NOTE

Applicants should submit a letter of inquiry not to exceed 1000 words in length. Letters of inquiry may be submitted at any time. Full proposals will be invited.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?54736

Electrochemical Society

Program Number: 03005

Title: Summer Fellowships

E-mail: awards@electrochem.org.

Web Site:

http://www.electrochem.org/awards/student/assets/summer_fellow_app.pdf

Program URL:

http://www.electrochem.org/awards/student/rules/summer_fellowship_rules.htm

The sponsor provides support to assist students in continuing graduate work during the summer months in a field of interest to the sponsor.

Deadline(s): 01/01/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?03005**Electrochemical Society**

Program Number: 94794

Title: Battery Division Student Research Awards

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/student/student_awards.htm

Program URL:

http://www.electrochem.org/awards/division/rules/batt_student_research_rules.htm

The sponsor provides Student Research Awards to recognize promising young engineers and scientists in the field of electrochemical power sources.

Deadline(s): 15/03/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94794**Electrochemical Society**

Program Number: 94797

Title: Corrosion Division Morris Cohen Graduate Student Award

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/student/student_awards.htm

Program URL:

http://www.electrochem.org/awards/division/rules/corr_cohen_rules.htm

The sponsor provides an award to recognize and reward outstanding graduate research in the field of corrosion science and/or engineering.

Deadline(s): 15/12/2007

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94797**Electrochemical Society**

Program Number: 94798

Title: Edward Goodrich Acheson Award

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/ecs/ecs_awards.htm

Program URL:

http://www.electrochem.org/awards/ecs/rules/acheson_rules.htm

The sponsor provides an award for contributions to the advancement of any of the objects, purposes, or activities of The Electrochemical Society.

Deadline(s): 17/05/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94798**Electrochemical Society**

Program Number: 94799

Title: Gordon E. Moore Medal for Outstanding Achievement in Solid State Science and Technology

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/ecs/ecs_awards.htm

Program URL:

http://www.electrochem.org/awards/ecs/rules/ssst_rules.htm

The sponsor provides an award to recognize contributions to the field of solid state science and technology.

Deadline(s): 17/05/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94799**Electrochemical Society**

Program Number: 94800

Title: Charles W. Tobias Young Investigator Award

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/ecs/ecs_awards.htm

Program URL:

http://www.electrochem.org/awards/ecs/rules/tobias_rules.htm

The sponsor provides an award to recognize outstanding scientific and/or engineering work in fundamental or applied electrochemistry or solid-state science and technology by a young scientist or engineer.

Deadline(s): 15/01/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94800**Electrochemical Society**

Program Number: 94801

Title: Oronzio de Nora Industrial Electrochemistry Fellowship

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/ecs/ecs_awards.htm

Program URL:

http://www.electrochem.org/awards/ecs/rules/o_denora_rules.htm

The sponsor provides a one-year fellowship to a postdoctoral scientist or engineer for research in the field of industrial electrochemistry.

Deadline(s): 01/01/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94801

Electrochemical Society

Program Number: 94802

Title: Battery Division Research Award

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/division/division_award_s.htm

Program URL:

http://www.electrochem.org/awards/division/rules/batt_research_rules.htm

The sponsor provides an award to encourage excellence in battery and fuel cell research, and encourage their publication in the publications of The Electrochemical Society.

Deadline(s): 15/03/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94802

Electrochemical Society

Program Number: 94803

Title: Battery Division Technology Award

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/division/division_award_s.htm

Program URL:

http://www.electrochem.org/awards/division/rules/batt_technology_rules.htm

The sponsor provides an award to encourage the development of battery and fuel cell technology, and to recognize significant achievements in this area. The Award is given to those individuals who have made outstanding contributions to the technology of primary and secondary cells, batteries, and/or fuel cells.

Deadline(s): 15/03/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?94803

Royal Academy of Engineering

Program Number: 46791

Title: MacRobert Award

E-mail: macrobert@raeng.org.uk

Web Site:

<http://www.raeng.org.uk/prizes/macrobert/default.htm>

Program URL:

<http://www.raeng.org.uk/prizes/macrobert/rules.htm>

The sponsor provides this award for an outstanding contribution by way of innovation in the fields of engineering or the other physical technologies or in the application of the physical sciences, which is or will be for the benefit of the community. Preference will be shown for applications from individuals and any other independent teams mainly composed of individuals who are nationals of the United Kingdom or resident in or working for a firm or organisation or laboratory established in the United Kingdom. The award comprises a gold medal for the winning company and a prize of 50,000 for the team members.

Deadline(s): 31/01/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?46791

University Corporation for Atmospheric Research

Program Number: 63970

Title: Postdoctoral Fellowship Program at the Naval Research Laboratory

E-mail: vsp@ucar.edu

Program URL: <http://www.vsp.ucar.edu/06nrl.html>

Fellowships are available at the Naval Research Laboratory for postdoctoral level scientists interested in furthering their research interests and developing expertise in new areas. Fellowships are open to scientists who have recently received their PhDs. Fellowships are for two or three years. DEADLINE NOTE

Applications will be reviewed within six weeks of receipt.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?63970

Society of Vacuum Coaters, Inc.

Program Number: 70442

Title: Scholarship Program

E-mail: svcinfo@svc.org

Program URL:

<http://www.svc.org/SF/SVCFoundationSchol.html>

The sponsor awards scholarships intended to further the education of people entering or already participating in an undergraduate or graduate course of study important to vacuum coating technology at an accredited institution. It is anticipated that two or more scholarship awards of \$2,500 or more each will be made annually.

Deadline(s): 31/01/2008

DEADLINE NOTE

Application may be made for the annual scholarship between September 1 and January 31

of each calendar year.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?70442

Space Telescope Science Institute

Program Number: 76222

Title: Summer Student Program

E-mail: summerintern@stsci.edu

Program URL:

<http://www.stsci.edu/institute/sd/students/summer.html>

The sponsor provides an opportunity for highly motivated college undergraduates to participate in a Summer Student Program. The program will run ten weeks, from June 16 to August 22, 2008, although exact start and end dates can have some flexibility, depending on the needs of the student and his or her supervisor. The sponsor expects to have twelve or more participants, from the Baltimore area and elsewhere, with a special focus on students' interaction with one another and with their mentors.

Deadline(s): 20/02/2008

DEADLINE NOTE

Applications will be accepted beginning January 1, 2008 through February 20, 2008.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?76222