

Weekly Bulletin

Research School of Physics and Engineering



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SCHOOL SEMINAR

Australian Research Council Nanotechnology Network ECR/PhD Symposium

The next Australian Research Council Nanotechnology Network ECR/Phd Symposium will be held in the Seminar Room at the Research School Physics and Engineering on 19 and 20 February.

The aim of this symposium is to provide a forum where ECR's and Postgraduate students working on nanotechnology research can present their work, meet other researchers and students and interact with other research groups in Australia.

Closing date for abstract submission - Thursday 15 January

Notification of acceptance - Friday, 30 January

Registration deadline - Monday 9 February

STAFF MOVEMENTS

Professor Stephen Buckman (CAMS/AMPL) will present a plenary lecture at the Third International Meeting on the Frontiers of Physics at Genting, Malaysia, 12-16 January

GRANTS AND AWARDS

American Nuclear Society

Program Number: 59760

Title: Radiation Science and Technology Award

E-mail: ljohnson@ans.org

Program URL: <http://www.ans.org/honors/va-radscitech>

The sponsor provides support to identify and honor those individuals whose creative application of radiation sciences and engineering principles have been particularly outstanding.

Deadline(s): 15/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?59760

American Nuclear Society

Program Number: 59835

Title: Special Award

E-mail: ljohnson@ans.org

Program URL: <http://www.ans.org/honors/va-special>

The sponsor honors especially meritorious contributions in research on and/or developing understanding in important areas of current activity.

Deadline(s): 01/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?59835

American Nuclear Society

Program Number: 59836

Title: Alvin M. Weinberg Medal

E-mail: ljohnson@ans.org

Program URL: <http://www.ans.org/honors/va-weinberg>

The sponsor provides support for contributions to the understanding of the social implications of nuclear technology.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?59836

American Nuclear Society

Program Number: 71461

Title: Walker Lee Cisler Medal

E-mail:

Program URL: <http://www.ans.org/honors/va-cisler>

The sponsor makes an award to recognize leadership and achievements in the field of fast breeder reactor technology and in its eventual application to the generation of electric power. The award is presented at the sponsor's annual meeting and consists of an engraved medal and citation.

Deadline(s): 01/03/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?71461

American Nuclear Society

Program Number: 71464

Title: Meritorious Performance in Operations Award

E-mail

Program URL: <http://www.ans.org/honors/va-mpops>

The sponsor makes an award to recognize and honor outstanding achievement in the field of nuclear reactor operations. The award is presented

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at the sponsor's annual meeting.

Deadline(s): 01/03/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?71464

American Nuclear Society

Program Number: 71466

Title: Mishima Award

E-mail:

Program URL: <http://www.ans.org/honors/va-mishima>

The sponsor makes an award to recognize outstanding contributions in research and development work on nuclear fuels and materials. Meritorious scientific and engineering achievements that have important implications to the science and technologies of nuclear fuels and materials development are essential to qualify for nomination. The award is presented at the sponsor's annual meeting.

Deadline(s): 01/03/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?71466

American Physical Society

Program Number: 01467

Title: John Dawson Award for Excellence in Plasma Physics Research

E-mail: catto@psfc.mit.edu

Program URL:

<http://www.aps.org/programs/honors/awards/dawson.cfm>

A prize of \$5,000 is awarded annually to recognize a particular recent outstanding achievement in plasma physics research. Eligible applicants are scientists of all nationalities regardless of the geographical site at which the work was done.

Deadline(s): 01/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?01467

American Physical Society

Program Number: 01469

Title: Frank Isakson Prize for Optical Effects in Solids

E-mail: honors@aps.org

Program URL:

<http://www.aps.org/programs/honors/prizes/isakson.cfm>

A prize of \$5,000 is offered in even-numbered years for contributions to the field of optical

effects in solids. The sponsor also provides a certificate and travel expenses to the meeting at which the award is bestowed.

Deadline(s): 01/07/2009

DEADLINE NOTE

The prize is awarded biennially in even-numbered years. The deadline for submission of nominations for the 2010 prize is July 1, 2009.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?01469

American Physical Society

Program Number: 05318

Title: Will Allis Prize for the Study of Ionized Gases

E-mail: honors@aps.org

Program URL:

<http://www.aps.org/programs/honors/prizes/allis.cfm>

A prize of \$5,000 recognizes outstanding research in ionized gases. Eligible nominees are scientists from any nation. The sponsor also provides a certificate and travel expenses to the meeting at which the award is bestowed.

Deadline(s): 01/07/2009

DEADLINE NOTE

The prize is awarded biennially in even-numbered years. The deadline for submission of nominations for the 2010 prize is July 1, 2009.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?05318

American Physical Society

Program Number: 27676

Title: James Clerk Maxwell Prize for Plasma Physics

E-mail: robert-merlino@uiowa.edu

Program URL:

<http://www.aps.org/programs/honors/prizes/maxwell.cfm>

A \$10,000 prize is awarded annually to recognize outstanding contributions to the field of plasma physics. A travel allowance to attend the meeting at which the prize is to be presented is also provided.

Deadline(s): 01/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?27676

University of Western Australia

Program Number: 37354

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Title: Postdoctoral Research Fellowships

E-mail: olivia.langensiepen@uwa.edu.au

Web Site: <http://www.research.uwa.edu.au/>

Program URL:

http://www.research.uwa.edu.au/welcome/research_services/research_grants/finding_funding/funding_op

Departments of the University of Western Australia may apply for a University Postdoctoral Research Fellowship. The fellowship scheme is open to all, irrespective of nationality or residence at the time of application. Fellowships are normally awarded to accomplished researchers who have held a Ph.D. for no more than five years. Appointment is for three years (full-time) or four years (75 percent research/25 percent teaching). This year up to three new fellowships will be available.

Deadline(s): 17/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?37354

Australasian Institute of Mining and Metallurgy

Program Number: 88713

Title: Atlas Copco Scholarship

E-mail: dmcquay@ausimm.com.au

Web Site:

http://www.ausimm.com.au/content/docs/atlas_copco_application2009.pdf

Program URL:

<http://www.ausimm.com.au/content/default.aspx?ID=150>

The sponsor provides a scholarship for students studying in a course of relevance to the minerals industry.

Deadline(s): 27/03/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?88713

Society of Nuclear Medicine Education and Research Foundation

Program Number: 08454

Title: Student Fellowship Awards

E-mail: nmitchell@snm.org

Web Site:

<http://interactive.snm.org/index.cfm?PageID=2254>

Program URL:

http://interactive.snm.org/docs/Grants%20&%20Awards/Student_Fellowship_Application_2009.pdf

Awards of up to \$3,000 are provided to stimulate students' interest in molecular imaging/nuclear medicine by supporting their full-time participation in clinical and basic research activities for three months (or less).

Deadline(s): 23/01/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?08454

Optical Society of America

Program Number: 12923

Title: Incubic/Milton Chang Student Travel Grants

E-mail: chaptersandsections@osa.org

Program URL:

<http://www.osa.org/aboutosa/grants/changgrant/default.aspx>

This program provides twenty grants of up to \$1000 to enable students who present papers to travel to CLEO and the Frontiers in Optics/OSA Annual Meeting. Grants are awarded to the presenter and usually the first author of the paper.

Deadline(s): 09/03/2009

03/08/2009

DEADLINE NOTE

Grant applications for CLEO must be submitted on or before March 9, 2009. These grants are not available for students who present at QELS. Grant applications for the Frontiers in Optics/OSA Annual Meeting are due on or before August 3, 2009.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?12923

Academia Sinica

Program Number: 98246

Title: Postdoctoral Research Fellowship

E-mail: postdoc@gate.sinica.edu.tw

Web Site:

<http://db1n.sinica.edu.tw/textdb/gatenews/showpost.php?rid=1606>

Program URL:

<http://www.sinica.edu.tw/as/law/advisory/postdoc-guideline.doc>

The Academia Sinica Postdoctoral Fellows Program is designed to meet the research needs of the various research institutes as the Academy is attempting to raise its academic standards of research by encouraging its research staff to open

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up new areas of intellectual endeavors and positioning itself to move its research activities to the international level. One of the missions of Academia Sinica is manpower training at the post-graduate and postdoctoral level in certain disciplines of strategic importance.

**Deadline(s): 01/03/2009
12/09/2009**

DEADLINE NOTE

Postdoctoral research applications are open twice yearly. The first round applications are open between 1st August and 12th September. The second round between 15th January and 1st March. Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?98246

Natural Sciences and Engineering Research Council of Canada

Program Number: 15362

Title: Visiting Fellowships in Canadian Government Laboratories

E-mail: schol@nserc.ca

Program URL:

http://www.nserc.ca/sf_e.asp?nav=sfnv&lbi=3d

Fellowships are provided to promising young scientists and engineers to work with research groups or leaders in Canadian government laboratories and research institutions in the disciplines of natural sciences and engineering. Fellowships are awarded for one year with the possibility of renewal for a second and third year.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?15362

Wellcome Trust

Program Number: 81905

Title: Technology Transfer - Translation Awards

E-mail: techtransfer@wellcome.ac.uk

Web Site: <http://www.wellcome.ac.uk>

Program URL:

<http://www.wellcome.ac.uk/Funding/Technology-transfer/Awards/Translation-Awards/index.htm>

The sponsor offers grants designed to respond to the funding gap in the commercialisation of new technologies in the biomedical area.

**Deadline(s): 06/02/2009
15/05/2009**

DEADLINE NOTE

Preliminary applications must be received by 6 February 2009 and 15 May 2009. Full applications will be invited.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?81905

National Research Council

Program Number: 58542

Title: Research Associateship Programs--Air Force Research Laboratory

E-mail: ebasques@nas.edu

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbooks.asp?mode=frntmtr&progctr=13&seq=20>

The sponsor provides opportunities to outstanding scientists and engineers at recent postdoctoral and experienced senior levels for tenure as guest researchers. Awardees must hold the PhD, ScD, or other earned research doctoral degree recognized in US academic circles as equivalent to the PhD. An annual stipend is awarded.

Deadline(s): 01/02/2009

01/05/2009

01/08/2009

01/11/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?58542

National Research Council

Program Number: 70352

Title: Research Associateship Programs--FAA/Civil Aerospace Medical Institute

E-mail: rgamble@nas.edu

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbooks.asp?mode=frntmtr&progctr=31&seq=20>

The sponsor provides opportunities to outstanding scientists and engineers at recent postdoctoral and senior levels for tenure as guest researchers. Awardees must hold the PhD, ScD, or other earned research doctoral degree recognized in U.S. academic circles as equivalent to the PhD. Awards of up to one year are available. An annual stipend is awarded.

Deadline(s): 01/02/2009

01/05/2009

01/08/2009

01/11/2009

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Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?70352

Oak Ridge Institute for Science and Education

Program Number: 91967

Title: NASA Postdoctoral Program

E-mail: Janeen.Pointer@orau.org

Program URL:

<http://see.orau.org/ProgramDescription.aspx?Program=10190>

The NASA Postdoctoral Program (NPP) offers unique research opportunities at NASA Centers, headquarters, and other facilities to highly talented national and international scientists and engineers who have completed their doctorate degree. Appointments are for one year, renewable up to a total of three years.

Deadline(s): 01/03/2009

01/07/2009

01/11/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91967

Harvard University

Program Number: 24095

Title: Graduate School of Arts and Sciences

Visiting Fellows

E-mail: special@fas.harvard.edu

Program URL:

http://www.gsas.harvard.edu/index.php?option=com_content&task=view&id=321&Itemid=330

The sponsor offers Visiting Fellow status to persons holding a doctoral degree (or its equivalent) or those with comparable professional experience at the Graduate School of Arts and Sciences.

Deadline(s): 01/03/2009

01/10/2009

DEADLINE NOTE

The March 1 deadline date is for receipt of applications for a full academic year, or fall term only. The October 1 deadline date is for receipt of applications for the spring term only.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?24095

Human Frontier Science Program Organization

Program Number: 61496

Title: Young Investigators Grant

E-mail: grant@hfsp.org

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

Program URL:

http://www.hfsp.org/how/PDFs/LI_Guidelines_2010.pdf

Young Investigator Research Grants support basic research in the life sciences with emphasis placed on novel, innovative and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries. Typically, Young Investigators will have completed one or two periods of postdoctoral training and be appointed to staff positions that allow them to initiate and direct their own independent lines of research.

Deadline(s): 31/03/2009

DEADLINE NOTE

The applicant must first submit a letter of intent to apply for a grant. The deadline for receipt of this letter, which must be submitted via the HFSP extranet site, is March 31st 2009 for awards to be made in March 2010. The applicant must register for a password by March 20th 2009. They will be notified early July 2009 whether they are invited to submit a full application, with a deadline mid-September 2009.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?61496

Lasers and Electro-Optics Society

Program Number: 71773

Title: William Streifer Scientific Achievement Award

E-mail:

Program URL:

<http://www.ieee.org/portal/site/leos/menuitem.c068a7b8deb7e828fb2275875bac26c8/index.jsp?&pName=leos>

An award is given to recognize an exceptional single scientific contribution which has had a significant impact in the field of lasers and electro-optics in the past ten years. It may be given to an individual or to a group for a single contribution of significant work in the field.

Deadline(s): 30/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?71773

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Lasers and Electro-Optics Society

Program Number: 71775

Title: Engineering Achievement Award

E-mail:

Program URL:

<http://www.ieee.org/portal/site/leos/menuitem.c068a7b8deb7e828fb2275875bac26c8/index.jsp?&pName=leos>

An award is given to recognize an exceptional engineering contribution which has had a significant impact on the development of laser or electro-optic technology or the commercial application of technology within the past ten years. It may be given to an individual or to a group for a single contribution of significant work in the field.

Deadline(s): 30/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?71775

Lasers and Electro-Optics Society

Program Number: 71777

Title: Aron Kressel Award

E-mail:

Program URL:

<http://www.ieee.org/portal/site/leos/menuitem.c068a7b8deb7e828fb2275875bac26c8/index.jsp?&pName=leos>

An award is given to recognize those individuals who have made important contributions to opto-electronic device technology. The award may be given to an individual or group, up to three in number.

Deadline(s): 30/04/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?71777

TAPPI Foundation

Program Number: 01364

Title: Engineering Division Scholarship

E-mail: standards@tappi.org

Web Site:

http://www.tappi.org/s_tappi/sec.asp?CID=6101&DID=546695

Program URL:

<http://www.tappi.org/content/scholarship.pdf>

The sponsor has established a scholarship program to promote interest in the pulp and paper industry among engineering and science students, and to increase the potential in following an engineering career among students with an interest in the pulp

and paper industry.

Deadline(s): 15/02/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?01364

TAPPI Foundation

Program Number: 01366

Title: Environmental Working Group Scholarship

E-mail: standards@tappi.org

Web Site:

http://www.tappi.org/s_tappi/sec.asp?CID=6101&DID=546695

Program URL:

<http://www.tappi.org/content/scholarship.pdf>

The sponsor provides a scholarship to actively promote the pursuit of and set forth a program for acknowledgement of outstanding candidates in the area of environmental control as it relates to the pulp, paper, and allied industries.

Deadline(s): 15/02/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?01366

TAPPI Foundation

Program Number: 01368

Title: Paper and Board Division Scholarship

E-mail: standards@tappi.org

Web Site:

http://www.tappi.org/s_tappi/sec.asp?CID=6101&DID=546695

Program URL:

<http://www.tappi.org/content/scholarship.pdf>

The purpose of the Paper and Board Division Scholarship Program is to encourage talented science and engineering students to pursue careers in the paper industry and to utilize their talents in advancing the science and technology of papermaking.

Deadline(s): 15/02/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?01368

TAPPI Foundation

Program Number: 01371

Title: Process & Product Quality Division Scholarship

E-mail: standards@tappi.org

Web Site:

http://www.tappi.org/s_tappi/sec.asp?CID=6101&DID=5466

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Program URL:

<http://www.tappi.org/content/scholarship.pdf>

The purpose of the Process & Product Quality Division Scholarship Program is to encourage talented science and engineering students to pursue careers in the pulp and paper industry and to develop awareness of quality management.

Deadline(s): 15/02/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?01371

Institute of Materials, Minerals and Mining

Program Number: 29189

Title: Edgar Pam Fellowship

E-mail: graham.woodrow@iom3.org

Program URL: <http://www.iom3.org/content/scholarships-bursaries>

The Fellowship will be awarded for postgraduate study in subjects within the fields of minerals and mining. Those eligible for the award are young graduates, domiciled in Australia, Canada, New Zealand, South Africa and the UK, who wish to undertake advanced study or research in the UK. The maximum value of the Fellowship, which is tenable for one year, will be 2000.

Deadline(s): 27/03/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?29189

Royal Society

Program Number: 88416

Title: Wolfson Research Merit Awards

E-mail:

Program URL:

<http://royalsociety.org/funding.asp?id=1127>

The primary aim of this scheme is to provide universities with additional support to enable them to attract to this country, or keep here, respected scientists of outstanding achievement and potential.

Deadline(s): 06/03/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?88416

Royal Institution of Great Britain

Program Number: 95301

Title: Niche Prize (Temporarily Suspended)

E-mail: events@ri.ac.uk

Web Site: <http://www.rigb.org/events/awards.jsp>

Program URL:

http://www.rigb.org/events/niche_prize_guidelines.pdf

Temporarily Suspended: The prize is a global competition which provides scientists with the opportunity to showcase their work. Works exploring all areas of science, technology, engineering and mathematics are invited. Winners of the award will have the honour of having their work displayed in the home of the Royal Institution, located in central London.

Deadline(s):

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?95301