

Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 334 Number 1
11 – 17 January 2008

SCHOOL SEMINAR

Joint RSES/RSPSE/MSI Seminar

Thursday 17 January 2008

4.00pm

“Stromatolite distribution in Hamelin Pool, Shark Bay, Western Australia”

Gumpei Izuno

Coastal Environment Laboratory Graduate School of Frontier Sciences the University of Tokyo, Kashiwa.

Jaeger Seminar Room, RSES

CONGRATULATIONS

On 21 December 2007 the President of the Republic of Poland awarded the title of Professor of Chemical Sciences to Dr Marek Samoc (LPC).

SCHOOL STRUCTURE

Please note that the 2008 updated organisation charts relating to the departmental structure and the School Administrative area are now available on the school website:

<http://www.rsphysse.anu.edu.au/admin/php/admin.php>

NEW STAFF

The Atomic and Molecular Physics Laboratories would like to welcome new staff member, Daniel Slaughter, who joins us this week from Flinders University as a postdoctoral fellow. Daniel will be located in Room C3.02 and will be working under the guidance of Professor Steve Buckman in CAMS. Please join us in wishing Daniel a warm welcome to the school.

The Nonlinear Physics Centre would like to welcome a new postdoctoral fellow, Dr Zhiyoun Xu, who recently defended his PhD thesis at the ICFO--Institute of Optics in Barcelona. Dr Xu will be working with Dr Andrey Sukhorukov and Professor Yuri Kivshar on the theory of nonlinear surface waves in photonic lattices.

VISITING STUDENT

The Department of Nuclear Physics is pleased to welcome Mr Wei Dong, an associate PhD Student from the Peking University, China. Wei will be undertaking a period of practical training with us until 19 December 2008, under the guidance of Dr Steve Tims and Professor Keith Fifield.

VISITORS

The CHARISSA group from the UK, consisting of Nick Ashwood, Martin Freer, Neil Curtis, Victor Ziman, Carl Wheldon and Tom Munoz from the University of Birmingham, and Wilton Catford, Jeff Thomas Bruce Patterson and Simon Brown, from the University of Surrey, are visiting the Department of Nuclear Physics for 3 weeks (arrived on 4 January) to carry out experimental research using the 14UD Accelerator.

FROM THE ACTING FACILITIES & SERVICES MANAGER

BBQ Area

Work to replace the grass with synthetic turf around the BBQ area west of the Link Tea Room is now scheduled to start on Thursday 17 January. This work should take about 3 days and will require blocking some of the car parking near the BBQ area. Hopefully the disruption will be minimal.

Tony Cullen

GRANTS AND AWARDS

Clay Minerals Society

Program Number: 73035

Title: Student Travel Grants

E-mail: cms@clays.org

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

Program URL:

<http://www.clays.org/home/awards/HomeAwardsAndGrantsSTG.html>

The sponsor provides partial financial support for students to attend its annual meeting.

Deadline(s): 31/01/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?73035

Clay Minerals Society

Program Number: 73038

Title: Student Research Grants

E-mail: cms@clays.org

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

Program URL:

<http://www.clays.org/home/awards/HomeAwardsAndGrantsSRG.html>

The sponsor annually awards several grants of up to \$3,000 through its student research grant program. **Deadline(s): 31/01/2008**

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?73038

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/studentgrants/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): 07/03/2008

15/07/2008

DEADLINE NOTE

Grant applications for CLEO must be submitted on or before March 07, 2008. 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 July 15, 2008.

Link to full program description:

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

Society for Industrial and Applied Mathematics

Program Number: 67397

Title: SIAM Student Paper Prize

E-mail: littleton@siam.org

Program URL:

http://www.siam.org/prizes/sponsored/student_paper.php

The sponsor provides a \$1,000 award to a student in good standing for a paper on an applied mathematics or scientific computing topic.

Deadline(s): 15/02/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?67397

Society for Industrial and Applied Mathematics

Program Number: 67495

Title: Student Travel Awards

E-mail: littleton@siam.org

Program URL:

<http://www.siam.org/prizes/sponsored/travel.php>

The sponsor provides awards in the amount of \$500 to support travel to its upcoming 2008 conferences. Any full-time student in good standing is eligible.

DEADLINE NOTE

Applications must be received at the sponsor's office no later than two months before the first day of the meeting for which support is requested.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?67495

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

American Institute of Aeronautics & Astronautics

Program Number: 89735

Title: Aerospace Software Engineering Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=401>

The sponsor presents an award for outstanding technical and/or management contributions to aeronautical or astronautical software engineering.

Deadline(s): 01/07/2008 DEADLINE NOTE

This award is presented in odd years.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?89735

National Research Council

Program Number: 58605

Title: Research Associateship Programs--U.S. Army Research Office

E-mail: ebasques@nas.edu

Program URL:

<http://nrc58.nas.edu/pgasurvey/data/aobooks/rapbooks.asp?mode=fntmtr&progctr=14&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): 01/02/2008

01/05/2008

01/08/2008

01/11/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?58605

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/Content/default.aspx?ID=150>

Program URL:

http://www.ausimm.com/Content/docs/atlas_copco_advertisement.pdf

The sponsor provides a scholarship for students studying in a course of relevance to the minerals industry. **Deadline(s): 28/03/2008**

Link to full program description:

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

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?90029

Lasers and Electro-Optics Society

Program Number: 71773

Title: William Streifer Scientific Achievement Award

E-mail: soc.leo@ieee.org

Program URL:

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

SYNOPSIS:

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): 30/04/2008

Link to full program description:

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

Lasers and Electro-Optics Society

Program Number: 71775

Title: Engineering Achievement Award

E-mail: soc.leo@ieee.org

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): 30/04/2008

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: soc.leo@ieee.org

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 optoelectronic device technology. The award may be given to an individual or group, up to three in number. **Deadline(s): 30/04/2008**

Link to full program description:

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

Optical Society of America

Program Number: 83926

Title: New Focus/Bookham Student Award

E-mail: awards@osa.org

Web Site:

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

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/newfocusbookhamstudent/default.aspx>

The sponsor provides an award to encourage research excellence, presentation prowess and leadership in the optics community among OSA student members.

Deadline(s): 28/01/2008

DEADLINE NOTE

Nomination packets must be received by January 28, 2008. Finalists selected to applications must do so by April 18, 2008.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?83926