

Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 34 Number 42

31 October – 6 November 2008

CONGRATULATIONS

Congratulations to Dr Christine Charles of the Space Plasma, Power and Propulsion Group for winning the Australian Institute of Physics Women in Physics Lectureship (<http://www.aip.org.au>). In 2009, Christine will be giving lectures across Australia to celebrate the contribution of women to advances in physics.

FROM THE SCHOOL MANAGER:

Congratulations to three of our colleagues who are deservedly among the ANU Staff Excellence awardees this year. They are:

- Maryla Krolikowska – Vice-Chancellor's Award for Career Achievement
- Ken Staples – Vice-Chancellor's Award for Career Achievement
- Laura Walmsley – Vice Chancellor's Award for Career Achievement

It has been 100% record for the School in this year's award rounds. We regard this as an acknowledgment of the professional excellence of these colleagues and the client service focus and the high regard for workplace values in the School.

We hope this tradition will be continued in the years to come.

SCHOOL SEMINAR PROGRAM

Thursday 6 November, 2008

4.00pm

“Invisibility Cloaks and Transform Optics”

by Dr Ilya Shadrivov, Nonlinear Physics Centre
Oliphant Building Seminar Room

Drinks and light refreshments will be provided in the RSPSE Link Tea Room after the Seminar

ALL WELCOME

SCHOOL SEMINAR

CAMS Seminar

Wednesday 5 November, 2008

11.00am

“Why would anyone be interested in charged particles ionizing atoms and molecules?”

by Professor Don Madison

Curator's Professor of Physics, Missouri
University of Science & Technology

Seminar Room, RSPE

All Welcome

22ND CANBERRA INTERNATIONAL PHYSICS SUMMER SCHOOL

*“Complex Physical, Biophysical and Econophysical
Systems”*

8-19 December 2008

Haydon-Allen Lecture Theatre, ANU

The 2008 Summer School covers a wide range of topics in *complex physical, biophysical and econophysical systems*.

Lectures will be delivered in the mornings; during the afternoon program, students will be guided through computer-based projects that integrate key ideas from complex systems and introduce some of the current software tools. The Summer School is targeted towards 3rd and 4th year undergraduates, Masters and PhD students and professional researchers.

Registration now open.

For detailed information please visit the summer school homepage:

<http://www.rspyse.anu.edu.au/~ccs106/SUMMERSCHOOL/SS22/index.html>

STAFF MOVEMENTS

Professor Mukunda Das, Theoretical Physics, will be overseas, attending Asia-NANO 2008 Conference in Singapore (3-7 Nov) and the International Conference on Cold Atoms in Kolkata (12-16 Dec). He will give invited talks at these two meetings. He will also visit the Institute of Physics, Bhubaneswar and give a course of lectures on meso/nano physics.

Professor Jagadish, EME, will be chairing the IEEE Lasers and Electro-Optics Society Annual Meeting, California from 8-17 November.

Professor Ying Chen, Ms Jun Yu, Mr Hua Chen and Mr Luhua Li, EME, will be attending the 5th Conference of ARC Centre for Functional Nanomaterials, Gold Coast from 5-8 November. Ms Bianca Haberl, will be visiting Monash University to conduct research in Melbourne from 4-6 November.

GRANTS & AWARDS

Society of Vacuum Coaters, Inc.

Program Number: 70442

Title: Scholarship Program

E-mail: praugei@comcast.net

Program URL: <http://www.svcfoundation.org/id1.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 three or more scholarship awards of will be made annually.

Deadline(s): 31/01/2009

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

Society of Exploration Geophysicists

Program Number: 00267

Title: Scholarship Program

E-mail: scholarships@seg.org

Program URL:

http://www.seg.org/SEGportalWEBproject/portals/SEG_Online.portal?nfpb=true&pageLabel=pg_gen_conten

The sponsor provides support for students pursuing a college curriculum directed toward a career in applied geophysics or a closely related field, such as geosciences, physics, geology, or earth and environmental sciences.

Deadline(s): 01/03/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?00267

Woods Hole Oceanographic Institution

Program Number: 07682

Title: Postdoctoral Scholarship Program

E-mail: postdoc@whoi.edu

Program URL: <http://www.whoi.edu/page.do?pid=8023>

The sponsor offers in-residence fellowships in the fields of chemistry, engineering, geology, geophysics, mathematics, meteorology, physics,

biology, and oceanography.

Deadline(s): 15/01/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?07682

McDonnell (James S.) Foundation

Program Number: 54736

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

E-mail: info@jsmf.org

Web Site: <http://www.jsmf.org/programs/cs/index.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 inquire 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

McDonnell (James S.) Foundation

Program Number: 54740

Title: 21st Century Collaborative Activity Awards-Bridging Mind, Brain, and Behavior

E-mail: info@jsmf.org

Web Site: <http://www.jsmf.org/programs/bmb/index.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.

DEADLINE NOTE

Applicants should submit a letter of inquire 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?54740

Science Foundation Ireland

Program Number: 65746

Title: E.T.S. Walton Visitor Awards

E-mail: Walton@sfi.ie

Web Site:

http://www.sfi.ie/uploads/documents/upload/SFI_Walton_Prog_Call_Version_6th_Oct.pdf Program URL:
http://www.sfi.ie/content/content.asp?section_id=662&language_id=1

The sponsor aims to advance national scientific progress by awarding grants for research on a competitive basis in those fields of science, mathematics, computer science, software engineering and engineering that underpin biotechnology and information and communications technology. The award enables highly qualified scientific scholars resident outside Ireland to carry out research projects of their own choice in Ireland.

Deadline(s): 12/12/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?65746

Society of Exploration Geophysicists

Program Number: 87252

Title: Annual Meeting Travel Grants

E-mail: travelgrants@seg.org

Web Site: <http://foundation.seg.org/travelgrant/>

Program URL:

<http://foundation.seg.org/pdf/2007AnnualMtgGrantApp.pdf>

The sponsor provides a travel grant to help students attend the sponsor's annual meeting.

Deadline(s): 02/01/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?87252

American Institute of Aeronautics & Astronautics

Program Number: 62780

Title: Willy Z. Sadeh Graduate Student Award in Space Engineering and Space Science

E-mail:

Web Site: <http://www.aiaa.org/content.cfm?pageid=493>

Program URL:

<http://www.aiaa.org/content.cfm?pageid=227>

An award is given to one M.A., M.S. or Ph.D. student specializing in space-based research at any accredited college or university in the world. One \$5,000 research grant is available.

Deadline(s): 31/01/2009

DEADLINE NOTE

The deadline date for application requests is January 16, 2009. The deadline date for submission of applications is January 31, 2009.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?62780

American Institute of Aeronautics & Astronautics

Program Number: 62787

Title: Orville and Wilbur Wright Graduate Awards

Web Site:

<http://www.aiaa.org/content.cfm?pageid=493>

Program URL:

<http://www.aiaa.org/content.cfm?pageid=227>

An award of \$10,000 is bestowed annually to four graduate-level students participating in research endeavours as part of their engineering/science graduate studies.

Deadline(s): 31/01/2009

DEADLINE NOTE

The deadline date for application requests is January 16, 2009. The deadline date for submission of applications is January 31, 2009.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?62787

American Institute of Aeronautics & Astronautics

Program Number: 64762

Title: Guidance, Navigation, and Control Graduate Award

E-mail:

Web Site: <http://www.aiaa.org/content.cfm?pageid=493>

Program URL:

<http://www.aiaa.org/content.cfm?pageid=227>

A \$5,000 scholarship supports graduate students in fields that will advance aeronautics/astronautics in one or more of the areas of guidance, navigation, and control.

Deadline(s): 31/01/2009

DEADLINE NOTE

The deadline date for application requests is January 16, 2009. The deadline date for submission of applications is January 31, 2009.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?64762