

Weekly Bulletin

Research School of Physics and Engineering



Volume 36 Number 1
15-21 January 2010

SCHOOL SEMINARS

Nonlinear Physics Centre Seminar **Wednesday 20 January 2010**

11.00am

”Beam dynamics in PT-symmetric complex photonic structures”

by Dr Zhiyong Xu

Nonlinear Physics Centre, RSPE

Link Building Seminar Room, Oliphant Building

All welcome

Theoretical Physics Seminar (MID-TERM REVIEW)

Thursday 21 January 2010

11.00am

“Ultracold atomic gases in one dimension: Bethe ansatz approach”

by Jen-Yee Lee

Room L3.17 Le Couteur Building

All welcome

NLPC – Staff Arrival

Dr Thomas White has arrived today to take up a two year contract with NLPC and LPC.

He will have a desk in L1.07

Telephone – 59524

Email – tpw124@physics.anu.edu.au

Please help me welcome him to the School.

Thanks

Kath

NEW STAFF

The Department of Theoretical Physics welcomes Mr David Baraglia, University of Oxford, who will be working with Professor Peter Bouwknecht.

GRANTS & 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/FOR%20STUDENTS/StudTRAV.html>

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

Deadline(s): 15/02/2010

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/FOR%20STUDENTS/StudRES.html>

The sponsor annually awards several grants of up to \$3,000 through its student research grant program.

Deadline(s): 15/02/2010

Link to full program description:

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

Engineering & Physical Sciences Research Council

Program Number: 06714

Title: Visiting Researchers

E-mail: infoline@epsrc.ac.uk

Web Site:

<http://www.epsrc.ac.uk/ResearchFunding/Opportunities/Networking/VisitingResearchers.htm>

The sponsor provides funding for research scientists and engineers of acknowledged standing to visit a UK research organisation. The visiting researcher can be from anywhere in the world, including the UK.

Deadline(s):

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?06714

Electrochemical Society

Program Number: 06734

Title: General ECS Student Poster Session Awards

E-mail: awards@electrochem.org

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

Program URL:

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

The awards shall be given to the best poster

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presentations at a Society meeting; if possible, one award in the field of Electrochemical Science and Technology and the other in the field of Solid State Science and Technology.

Deadline(s):

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?06734

Association of Professional Engineers and Geoscientists of the Province of Manitoba

Program Number: 06804

Title: Certificate of Engineering or Geoscience Achievement

E-mail: apegm@apegm.mb.ca

Program URL:

<http://www.apegm.mb.ca/pdf/Awards/02eng-geo-ach.pdf>

The sponsor provides funding to recognize engineering or geoscience excellence in, and major contributions to, the concept, design and implementation of an engineering or geoscience work by a member, or group of members, of the Association.

Deadline(s): 31/05/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?06804

Association of Professional Engineers and Geoscientists of the Province of Manitoba

Program Number: 06805

Title: Early Achievement Award

E-mail: apegm@apegm.mb.ca

Program URL:

<http://www.apegm.mb.ca/pdf/Awards/02early-ach.pdf>

The sponsor provides funding to bestow distinction on outstanding engineers and geoscientists and to recognize exceptional achievements in the early years of their careers.

Deadline(s): 31/05/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?06805

Association of Professional Engineers and Geoscientists of the Province of Manitoba

Program Number: 06806

Title: EIT/GIT Award

E-mail: apegm@apegm.mb.ca

Program URL:

<http://www.apegm.mb.ca/pdf/Awards/02EIT-GIT.pdf>

The sponsor provides an award to bestow distinction on those training to be engineers or geoscientists, more specifically those who enhance society's knowledge of our professions.

Deadline(s): 31/05/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?06806

European Synchrotron Radiation Facility

Program Number: 06991

Title: Applying for Beamtime

E-mail: webgroup@esrf.fr

Web Site:

<http://www.esrf.eu/UsersAndScience/UserGuide/Applying/>

The sponsor provides access for scientist to its synchrotron facility.

Deadline(s): 01/03/2010

DEADLINE NOTE

Two proposal review rounds are held each year, with deadlines for submission of applications on 1st March and 1st September for the scheduling periods August to February, and March to July respectively.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?06991

IEEE Photonics 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): 30/04/2010

Link to full program description:

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

IEEE Photonics Society

Program Number: 71775

Title: Engineering Achievement Award

E-mail:

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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): 30/04/2010

Link to full program description:

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

IEEE Photonics 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): 30/04/2010

Link to full program description:

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

American Institute of Aeronautics & Astronautics

Program Number: 84036

Title: F. E. Newbold V/STOL Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

The sponsor provides an award to recognize outstanding creative contributions to the advancement and realization of powered lift flight.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84036

American Institute of Aeronautics & Astronautics

Program Number: 91130

Title: Space Systems Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

The Space Systems Award is presented to recognize outstanding achievements in the architecture, analysis, design, and implementation of space systems.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91130

American Institute of Aeronautics & Astronautics

Program Number: 91132

Title: Space Operations and Support Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

This award is presented for outstanding efforts in overcoming space operations problems and assuring success, and recognizes those teams or individuals whose exceptional contributions were critical to an anomaly recovery, crew rescue, or space failure.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91132

American Institute of Aeronautics & Astronautics

Program Number: 91133

Title: Space Sciences Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

The Space Science Award is presented to an individual for demonstrated leadership of innovative scientific investigations associated with space science missions.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91133

American Institute of Aeronautics & Astronautics

Program Number: 91136

Title: Piper General Aviation Award

E-mail: carols@aiaa.org

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Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

This award honors William Piper, and is presented for outstanding contributions leading to the advancement of general aviation.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91136

American Institute of Aeronautics & Astronautics

Program Number: 91138

Title: Multidisciplinary Design Optimization Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

This award is presented to an individual for outstanding contributions to the development and/or application of techniques of multidisciplinary design optimization in the context of aerospace engineering.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91138

American Institute of Aeronautics & Astronautics

Program Number: 91141

Title: Mechanics and Control of Flight Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

This award is presented for an outstanding recent technical or scientific contribution by an individual in the mechanics, guidance, or control of flight in space or the atmosphere.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91141

American Institute of Aeronautics & Astronautics

Program Number: 91142

Title: Hap Arnold Award for Excellence in Aeronautical Program Management

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

An award is presented to an individual for outstanding contributions in the management of a significant aeronautical or aeronautical related program or project.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91142

American Institute of Aeronautics & Astronautics

Program Number: 91143

Title: Energy Systems

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

An award is presented for a significant contribution in the broad field of energy systems, specifically as related to the application of engineering sciences and systems engineering to the production, storage, distribution, and conservation of energy.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91143

American Institute of Aeronautics & Astronautics

Program Number: 91144

Title: de Florez Award for Flight Simulation

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

This award is named in honor for the late Admiral Luis de Florez and is presented for an outstanding individual achievement in the application of flight simulation to aerospace training, research, and development.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91144

American Institute of Aeronautics & Astronautics

Program Number: 91146

Title: Aircraft Design Award

E-mail: carols@aiaa.org

Program URL:

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<http://www.aiaa.org/content.cfm?pageid=290>

This award is given to a design engineer or team for the conception, definition, or development of an original concept leading to a significant advancement in aircraft design or design technology.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91146

American Institute of Aeronautics & Astronautics

Program Number: 91147

Title: Aerospace Power Systems Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

This award is presented for a significant contribution in the broad field of aerospace power systems, specifically as related to the application of engineering sciences and systems engineering to the production, storage, distribution, and processing of aerospace power.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91147

American Institute of Aeronautics & Astronautics

Program Number: 95186

Title: Aerospace Guidance, Navigation and Control Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

The sponsor provides an award to recognize important contributions in the field of guidance, navigation and control.

Deadline(s): 01/02/2010

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?95186

American Institute of Aeronautics & Astronautics

Program Number: 95187

Title: George M. Low Space Transportation Award

E-mail: carols@aiaa.org

Program URL:

<http://www.aiaa.org/content.cfm?pageid=290>

The sponsor provides an award to the achievements in space transportation by Dr. George M. Low, who played a leading role in planning and executing all of the Apollo missions, and originated the plans for the first manned lunar orbital flight, Apollo 8.

Deadline(s): 01/02/2010

Link to full program description