

Weekly Bulletin

Research School of Physics and Engineering



Volume 35 Number 15
24 – 30 April 2009

FROM THE DIRECTOR'S OFFICE

Research being undertaken in the School has been highlighted in this week's Canberra Times: Nanotechnology research undertaken by Professor Jagdish and Dr Rode and the Plasma Thruster designed by Dr Christine Charles and Professor Rod Boswell.

Please contact Laura in the Director's office if you would like to see either of the articles.

FROM THE SCHOOL MANAGER:

The current tenure of the Directorship for the Research School of Physics and Engineering is coming to an end on 19 October 2009. The Vice-Chancellor values the input of the School community into these major recruitment processes, and therefore an appointment has been made in his diary to visit the School to discuss the options and gain feedback. This meeting has been scheduled for **10am – 11am Wednesday on 20 May** in the **Leonard Huxley Lecture Theatre**. We would appreciate your participation in this meeting to ensure that there is adequate and appropriate consultation that informs this process.

CONGRATULATIONS

To the students from RSPE who participated in the ResearchFest competitions last week. John Bartholomew, from the Laser Physics Centre, sang about the plights of PhD students and won the song/video/skit competition. Steven Lade, from Nonlinear Physics, won the 5-minute thesis talk competition describing his work on ratchets.

For their entries in the poster competition, Lachlan Rogers (LPC) and Ramin Rafiei (Nuclear) each received an honourable mention. Lachlan Rogers also received an honourable mention in the 300-word research note competition. The week was an informative and entertaining program held by the Research Student Development Centre. It included

interesting panel discussions, public lectures and free lunches.

STAFF MOVEMENTS

Professor Mukunda Das, Theoretical Physics, will join the Condensed Matter and Statistical Physics group of the International Centre for Theoretical Physics from 29 April - 8 May and will participate in the Conference on Cold Atoms.

GRANTS & AWARDS

Electrochemical Society

Program Number: 95022

Title: Electronics and Photonics Division Award

E-mail: awards@electrochem.org

Web Site:

http://www.electrochem.org/awards/division/division_awards.htm#h

Program URL:

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

The sponsor provides an award to encourage excellence in electronics research and outstanding technical contribution to the field of electronics science.

Deadline(s): 01/08/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?95022

American Institute of Aeronautics & Astronautics

Program Number: 84032

Title: Dr. John Ruth Digital Avionics Award

E-mail: carols@aiaa.org

Program URL:

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

The sponsor provides an award to recognize outstanding achievement in technical management and/or implementation of digital avionics in space or aeronautical systems, including system analysis, design, development or application.

Deadline(s): 01/07/2009

DEADLINE NOTE

This award is presented in odd years.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84032

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American Institute of Aeronautics & Astronautics

Program Number: 84035

Title: Excellence in Aerospace Standardization Award

E-mail: carols@aiaa.org

Program URL:

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

The sponsor provides an award to recognize contributions by individuals that advance the health of the aerospace community by enabling cooperation, competition, and growth through the standardization process.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84035

American Institute of Aeronautics & Astronautics

Program Number: 89736

Title: Faculty Advisor Award

E-mail: carols@aiaa.org

Program URL:

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

The sponsor presents an award to the faculty advisor of a the sponsor's chartered Student Branch, who in the opinion of student branch members, and the Student Activities Committee of the sponsor, has made outstanding contributions as a student branch faculty advisor, as evidenced by the record of his/her branch in local, regional, and national activities.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?89736

American Institute of Aeronautics & Astronautics

Program Number: 84038

Title: Gardner-Laser History Literature Award

E-mail: carols@aiaa.org

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

Program URL:

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

The sponsor provides an award to recognize the best original contribution to the field of aeronautical or astronautical historical non-fiction

literature published in the last five years dealing with the science, technology, and/or impact of aeronautics and astronautics on society.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84038

American Institute of Aeronautics & Astronautics

Program Number: 84039

Title: History Manuscript Award

E-mail: carols@aiaa.org

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

Program URL:

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

The sponsor provides an award to recognize the best historical manuscript dealing with the science, technology, and/or impact or aeronautics and astronautics on society.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84039

American Institute of Aeronautics & Astronautics

Program Number: 84040

Title: Information Systems Award

E-mail: carols@aiaa.org

Program URL:

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

The sponsor presents an award to recognize technical and/or management contributions in space and aeronautics computer and sensing aspects of information technology and science.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84040

American Institute of Aeronautics & Astronautics

Program Number: 84041

Title: Lawrence Sperry Award

E-mail: carols@aiaa.org

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

Program URL:

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

The sponsor provides an award to recognize a notable contribution made by a young person

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(under the age of thirty-five) to the advancement of aeronautics or astronautics.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84041

American Institute of Aeronautics & Astronautics

Program Number: 84042

Title: Losey Atmospheric Sciences Award

E-mail: carols@aiaa.org

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

Program URL:

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

The sponsor provides an award to recognize outstanding contributions to the atmospheric sciences as applied to the advancement of aeronautics and astronautics.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84042

American Institute of Aeronautics & Astronautics

Program Number: 91134

Title: Space Automation and Robotics Award

E-mail: carols@aiaa.org

Program URL:

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

This award is presented for leadership and technical contributions by individuals and teams in the field of space automation and robotics.

Deadline(s): 01/07/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?91134