

# Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 34 Number 43  
7 – 13 November 2008

## CONGRATULATIONS

The American Institute of Aeronautics and Astronautics (AIAA) is proud to announce that Michael West has been awarded the AIAA Special Service Citation for his outstanding efforts in supporting the relocation of the AIAA Sydney Selection Committee to Canberra in 2007-2008, and for organising the 2007 Canberra DLP and the ANU SP3 Technical Seminar and laboratory tour.

Congratulations to Mr Sangwoo Ha (and of course to his PhD thesis supervisor Dr Andrey Sukhorukov) from the Nonlinear Physics Centre who just won the Outstanding Student Presentation Award at the Frontiers in Optics 2008 conference of the Optical Society of America for his talk "Observation of Slow Light Tunneling in Coupled Periodic Waveguides". The OSA announced today 14 winners (only 2 from non-US Universities) selected from more than 200 students participated. The results presented there were also selected as one of the monthly Research Highlight of the Nature Photonics in September 2008.

## SCHOOL SEMINARS

### **Nuclear Physics Seminar**

Monday 10 November, 2008

11.15 am

"Applying Nuclear Techniques to Investigations of Solids: The Electronic Configurations of Single Atoms on Metal Surfaces"

by Professor Wolf-Dietrich Zeitz,

Helmholtz Zentrum Berlin fuer Materialien und Energie (the former Hahn-Meitner-Institut Berlin), Germany

The Nuclear Physics Seminar Room

All Welcome

## VISITORS

Professor Ross McKenzie, from the University of Queensland, visited members of the Fission Fusion Group, Department of Nuclear Physics, for

collaboration, 5 – 6 November 2008

## GRANTS & AWARDS

### **Semiconductor Research Corporation**

Program Number: 00391

Title: Device Sciences: Research in Memory Technologies

E-mail: [kwok.ng@src.org](mailto:kwok.ng@src.org)

Program URL: [http://grc.src.org/fr/S200808\\_call.asp](http://grc.src.org/fr/S200808_call.asp)

The sponsor solicits white papers in the area of Memory Technologies. The principal goals of this industry-driven research are to generate ideas and solutions in advanced memory technologies.

**Deadline(s): 11/12/2008**

DEADLINE NOTE

The deadline for receipt of white papers is December 11, 2008. Full proposals will be invited.

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?00391](http://australia.infoed.org/spin/spin_prog.asp?00391)

### **Sigma Delta Epsilon**

Program Number: 64652

Title: Eloise Gerry Fellowships

E-mail: [fellowshipsquestions@gwis.org](mailto:fellowshipsquestions@gwis.org)

Program URL:

<http://www.gwis.org/programs.html#application>

The sponsor will provide awards for research in all the natural sciences, including: physical, environmental, mathematical, computer, life sciences, anthropology, psychology and statistics.

**Deadline(s): 15/01/2009**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?64652](http://australia.infoed.org/spin/spin_prog.asp?64652)

### **Sigma Delta Epsilon**

Program Number: 64653

Title: Sigma Delta Epsilon Fellowships

E-mail: [fellowshipsquestions@gwis.org](mailto:fellowshipsquestions@gwis.org)

Program URL:

<http://www.gwis.org/programs.html#application>

The sponsor provides awards for research in all the natural sciences, including: physical, environmental, mathematical, computer, life sciences, anthropology, psychology and statistics. Exact Fellowships amounts will be determined by

the SDE/GWIS Fellowships Committee and will range from \$5000 to \$10,000.

**Deadline(s): 15/01/2009**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?64653](http://australia.infoed.org/spin/spin_prog.asp?64653)

### **Sigma Delta Epsilon**

Program Number: 64654

Title: Vessa Notchev Fellowship

E-mail: [fellowshipsquestions@gwis.org](mailto:fellowshipsquestions@gwis.org)

Program URL:

<http://www.gwis.org/programs.html#application>

The sponsor provides awards for research in all the natural sciences, including: physical, environmental, mathematical, computer, life sciences, anthropology, psychology and statistics.

**Deadline(s): 15/01/2009**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?64654](http://australia.infoed.org/spin/spin_prog.asp?64654)

### **Sigma Delta Epsilon**

Program Number: 70165

Title: Nell I. Mondy Fellowship

E-mail: [fellowshipsquestions@gwis.org](mailto:fellowshipsquestions@gwis.org)

Program URL:

<http://www.gwis.org/programs.html#application>

The sponsor provides fellowship support to increase knowledge in the fundamental sciences and to encourage research careers in the sciences by women.

**Deadline(s): 15/01/2009**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?70165](http://australia.infoed.org/spin/spin_prog.asp?70165)

### **Anglo-Australian Observatory**

Program Number: 88657

Title: Student Fellowship Program

E-mail: [sdr@aao.gov.au](mailto:sdr@aao.gov.au)

Program URL:

<http://www.aao.gov.au/AAO/students/aaosf.html>

The sponsor provides fellowships for UK and Australian students to study at the Anglo-Australian Observatory.

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

DEADLINE NOTE

The deadline for Southern Hemisphere students is August 15. The deadline for UK Students is February 15.

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?88657](http://australia.infoed.org/spin/spin_prog.asp?88657)

### **Smithsonian Institution**

Program Number: 00368

Title: Visiting Scientist Program at the Smithsonian Astrophysical Observatory

E-mail: [vsp@cfa.harvard.edu](mailto:vsp@cfa.harvard.edu)

Program URL:

<http://www.cfa.harvard.edu/opportunities/visitingsci.html>

The sponsor provides support to visiting scientists to facilitate the exchange of scholarly information in the areas of atomic and molecular physics; infrared, optical, radio, and X-ray astronomy; planetary sciences; geophysics; solar and stellar physics; and theoretical astrophysics. There are no citizenship restrictions. Appointments may be up to one year in duration. Stipends may vary.

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?00368](http://australia.infoed.org/spin/spin_prog.asp?00368)

### **Smithsonian Institution**

Program Number: 08925

Title: Smithsonian Environmental Research Center (SERC) Internship Program in Environmental Studies

E-mail: [SERCintern@si.edu](mailto:SERCintern@si.edu)

Program URL:

[http://www.serc.si.edu/pro\\_training/internships/internships.jsp](http://www.serc.si.edu/pro_training/internships/internships.jsp)

The sponsor offers undergraduate and beginning graduate students a unique opportunity to gain hands-on experience in the fields of environmental research and education. This program enables students to work on specific projects under the direction of the sponsor's professional staff and is tailored to provide the maximum educational benefit to each participant.

**Deadline(s): 15/11/2008**

**01/02/2009**

**01/06/2009**

DEADLINE NOTE

The deadline for summer positions (May to August) is February 1. The November 15 deadline is for spring positions (January to May).

The deadline for fall appointments is June 1.

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?08925](http://australia.infoed.org/spin/spin_prog.asp?08925)