

# Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 33 Number 44  
16 – 22 November 2007

## FROM THE DIRECTOR'S OFFICE

### Promotion Successes

Congratulations to the following College Staff on their well deserved promotion to Level C:

Dr Jodie Bradby (EME), Dr Tiziana Di Matteo (AM), Dr Lan Fu (EME), Dr Joe Hope (FoS), Dr Frank Mills (AMPL & CRES) and Dr Elena Ostrovskaya (NLPC).

### Staff Awards

Congratulations to Professor Aidan Byrne on being awarded the Vice-Chancellor's Award for Career Achievement, and to the following for:

#### 40 Year Service Award

Allan Harding  
John Kennedy

#### 20 Year Service Award

Professor Hans Bachor  
Steve Brooks  
Professor Robert Dewar  
Owen Kershaw

## SCHOOL SEMINARS

### Nuclear Physics Seminar Monday 19 November 2007

11.15am

“Quasifission in compound systems in the fissility region around 0.7”

by Dr Renju Thomas, Department Nuclear Physics, Nuclear Physics Seminar Room

**ALL WELCOME**

### CCS COSNet AMSI MASCOS Seminar Wednesday 21 November 2007

2:30 pm

“The terroristic Nimbus of Entropy and other fanciful stories from the early history of thermodynamics”

Speaker: Emeritus Professor Ingo Müller  
Technical University, Berlin

2007 AMSI-MASCOS Lecturer

Manning Clark Lecture Theatre 5

<http://campusmap.anu.edu.au/displaybldg.asp?no=26a>

**All Welcome**

IEEE Lasers and Electro-Optics Society & Electron Devices Society ACT Chapter, and RSPHysSE, The Australian National University

**Wednesday 21 November 2007**

4.00pm

“VLSI Photonics: Visions, Challenges and Progresses”

Professor El-Hang Lee, IEEE LEOS Distinguished Lecturer INHA University OPERA (Optics and Photonics Elite Research Academy) National Research Center of Excellence for VLSI Photonic Integration Technology Micro/nano-Photonics Advanced Research Center (m-PARC)

Graduate School of Information Technology and Telecommunications, Incheon, South Korea

**Leonard Huxley Lecture Theatre, Mills Road, ANU**

**ALL WELCOME**

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

### Theoretical Physics Seminar

**Thursday 22 November 2007**

11:00am

“Resonance in an open quantum dot system with a Coulomb interaction: a Bethe-ansatz approach”

by Dr Akinori Nishino

Institute of Industrial Science, University of Tokyo  
Le Couteur Building Seminar Room 3.17

### CAMS/AMPL SEMINAR

**Thursday 22 November 2007**

11.00am

“Secondary electron tracks and radiation damage”

by Prof Gustavo Garcia, Instituto de Matematicas y

Fisica Fundamental-CSIC, Madrid

Link Building Seminar Room

## MATHEMATICAL PHYSICS SUMMER SCHOOL

The 1st Asia-Pacific Summer School on Mathematical Physics and 21st Canberra International Physics Summer School will be held in the Huxley Lecture Theatre and the Mathematical Sciences Institute **from Monday, 26 November to Friday, 7 December, 2007**. All members of the School are welcome to attend lectures. Full details and registration form can be found at <http://www.maths.anu.edu.au/events/>

## SCHOOL MEDIA SKILLS WORKSHOP

All academic staff and students are strongly encouraged to attend the School Media Workshop on Wednesday 28 November to acquire and refine their skills in this area.

In the current environment, communication of our outstanding scientific achievements to the wider community is an important component of the continuous cycle of research funding.

To enhance the School's capacity to communicate the results of our excellent research, we have arranged with the ANU Media Office to hold a special media skills workshop at no charge.

It will introduce the media in Australia and overseas, what to do if a journalist calls directly, how to tell if you have a interesting story, and techniques for giving a media interview. Please visit the ANU media website beforehand <http://www.anu.edu.au/media>

**The Workshop will run from 9.30am - 12.00am Wednesday, 28 November.**

It will be held in the Link Building Seminar Room. To register, call the Media Office on 6125 6125 or email [Alice.Nixon@anu.edu.au](mailto:Alice.Nixon@anu.edu.au)

Look forward to seeing you all there.

Best wishes

Ken Baldwin

Deputy Director, RSPHysSE

## VISITORS

The Department of Theoretical Physics welcomes Dr Akinori Nishino from the Institute of Industrial Science, University of Tokyo, as a visitor to the Mathematical Physics Group from 20-28 November.

## GRANTS & AWARDS

### **American Nuclear Society**

Program Number: 59754

Title: Arthur Holly Compton Award in Education

E-mail:

Program URL: <http://www.ans.org/honors/va-compton>

The sponsor makes an award to recognize and encourage outstanding contributions to education in nuclear science and engineering.

**Deadline(s): 01/03/2008**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?59754](http://australia.infoed.org/spin/spin_prog.asp?59754)

### **American Nuclear Society**

Program Number: 71461

Title: Walker Lee Cisler Medal

E-mail:

Program URL: <http://www.ans.org/honors/va-cisler>

The sponsor makes an award to recognize leadership and achievements in the field of fast breeder reactor technology and in its eventual application to the generation of electric power. The award is presented at the sponsor's annual meeting and consists of an engraved medal and citation.

**Deadline(s): 01/03/2008**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?71461](http://australia.infoed.org/spin/spin_prog.asp?71461)

### **American Nuclear Society**

Program Number: 71463

Title: Leadership Award

E-mail:

Program URL: <http://www.ans.org/honors/va-leadership>

SYNOPSIS:

The sponsor makes an award to recognize a member of its organization for substantial contributions in leadership, governance, or direction of the organization over a prolonged period of time. The award is presented at the sponsor's annual meeting.

**Deadline(s): 01/02/2008**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?71463](http://australia.infoed.org/spin/spin_prog.asp?71463)

### **American Nuclear Society**

Program Number: 71464

Title: Meritorious Performance in Operations Award

E-mail:

Program URL: <http://www.ans.org/honors/va-mpops>

The sponsor makes an award to recognize and honor outstanding achievement in the field of

nuclear reactor operations. The award is presented at the sponsor's annual meeting.

**Deadline(s): 01/03/2008**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?71464](http://australia.infoed.org/spin/spin_prog.asp?71464)

### **American Nuclear Society**

Program Number: 71466

Title: Mishima Award

E-mail:

Program URL: <http://www.ans.org/honors/va-mishima>

The sponsor makes an award to recognize outstanding contributions in research and development work on nuclear fuels and materials. Meritorious scientific and engineering achievements that have important implications to the science and technologies of nuclear fuels and materials development are essential to qualify for nomination. The award is presented at the sponsor's annual meeting.

Deadline(s): 01/03/2008

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?71466](http://australia.infoed.org/spin/spin_prog.asp?71466)

### **American Nuclear Society**

Program Number: 71479

Title: Henry DeWolf Smyth Nuclear Statesman Award

E-mail:

Program URL: <http://www.ans.org/honors/va-smyth>

The sponsor makes an award to recognize outstanding and statesmanlike contributions to the many aspects of nuclear energy activities. The award is presented at the sponsor's annual meeting in even years and at the NEI Nuclear Energy Assembly in odd years.

**Deadline(s): 28/02/2008**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?71479](http://australia.infoed.org/spin/spin_prog.asp?71479)

### **Netherlands Institute for Advanced Study**

Program Number: 90932

Title: Golestan Fellowships

E-mail: [jos@nias.knaw.nl](mailto:jos@nias.knaw.nl)

Web Site:

Program URL:

[http://www.nias.knaw.nl/en/fellowships/golestan\\_fellowship/](http://www.nias.knaw.nl/en/fellowships/golestan_fellowship/)

The sponsor offers the program to applicants interested in continuing their advanced research in the medical or biological sciences at the sponsor's headquarters. The fellowships are awarded for advanced research only during a full academic year, running from 1 September till 30 June, or for

one semester of five months.

**Deadline(s): 01/03/2008**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?90932](http://australia.infoed.org/spin/spin_prog.asp?90932)