

# Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 33 Number 18  
18 – 24 May 2007

## SCHOOL SEMINARS

### **CAMS Seminar**

**Monday 21 May 2007**

4.00pm

“Electron Correlation in Electron Induced Multiple Ionization of Ar and Xe”

by Dr Subhendu Mondal, CAMS

Seminar Room Link Building

ALL WELCOME

### **CCS/COSNet Seminar**

**Tuesday 22 May 2007**

11.00am

“A Taxonomy of Three-Periodic Nets and the Design of Crystals”

Speaker Professor Michael O'Keeffe

Regents' Professor, Arizona State University

Seminar Room, Link Building

All Welcome

**Refreshments will be provided in the Link Lounge Area before the Seminar**

### **School Seminar Program**

**Thursday 7 June 2007**

4.00pm

“Plasma technology serving the environment: Terrestrial and inter-planetary applications”

by Dr Cormac Corr, Space Plasma, Power and Propulsion (SP3) Group, RSPHYSSE

HUXLEY LECTURE THEATRE

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

ALL WELCOME

## STAFF MOVEMENTS

Professor Jagadish, EME, will be away from 23 May – 4 June attending the European Materials Research Society Meeting in Strasbourg, France as the Co-Organiser of the “Semiconductor Nanostructures Symposium” and giving an invited talk in “Advances in Transparent Electronics Symposium”. He will then continue to visit the

University of Oslo for research collaboration and to conduct a PhD Thesis examination, and also the University of Oxford for collaborative research.

Professor Rod Boswell and Dr Christine Charles, SP3, will be away from 1 May – 19 June for research collaboration on Fuel cells at the University of Orleans and research collaboration in Paris on Plasma Thrusters. They will both give invited talks at the radiofrequency workshop in Dublin from 10–14 June.

## AMPL VISITORS

Atomic and Molecular Physics Laboratories would like to welcome Ms Sonika Johri who joins us this week from the Physics Department of the Indian Institute of Technology in New Delhi as an Occupational Trainee for 10 weeks. Sonika will be undertaking a research project under the guidance of Dr Frank Mills. Please join with us in making her feel welcome.

## ROBERT AND HELEN CROMPTON SCHOLARSHIP FOR TRAVEL

The School is pleased to announce that Mr Robert Fischer and Ms Christine Henry are the joint winners of the Robert and Helen Crompton Scholarship for Travel for 2007.

The Scholarship was awarded to Robert Fischer for his outstanding work in experimental laser physics and his exceptional high level academic record. His independent ideas are already patented and have drawn significant industrial interest. He is also strongly involved with a science outreach program for school children.

The award enables Robert to attend the European and US Conferences on Lasers and Electro-Optics (CLEO) and perform collaborative visits.

The Scholarship was awarded to Christine Henry in recognition of her excellent scientific achievements in the field of bubble coalescence in liquids. Christine is also engaged in outreach

activities for example as a lecturer and mentor in the Australian Chemistry Olympiad program.

The award enables Christine to present her work at the 21<sup>st</sup> ECIS European Colloid and Interfacial Science Conference, in Geneva, Switzerland and make a visit to the University of Regensburg in Germany.

Congratulations to both students on their award.

## **GRANTS & AWARDS**

### **Macquarie University**

Program Number: 41747

Title: Research Fellowships

E-mail: [grants@mq.edu.au](mailto:grants@mq.edu.au)

Web Site:

[http://www.research.mq.edu.au/researchers/funding/internal/mqrf\\_documents/08MQRF\\_Rules.pdf](http://www.research.mq.edu.au/researchers/funding/internal/mqrf_documents/08MQRF_Rules.pdf)

Program URL:

<http://www.research.mq.edu.au/researchers/funding/internal/mqrf>

Up to six positions are available for three-year fellowships supporting excellence in full-time research in any school or department of Macquarie University.

**Deadline(s): 06/07/2007**

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?41747](http://australia.infoed.org/spin/spin_prog.asp?41747)

### **Boehringer Ingelheim Fonds**

Program Number: 27413

Title: Travel Allowances

E-mail: [ingrid@bifonds.de](mailto:ingrid@bifonds.de)

Program URL: <http://www.bifonds.de/travel/require.htm>

The sponsor awards travel allowances to PhD students and post-doctoral scientists of any nationality. European citizens are supported in Europe and overseas, non-European citizens are supported when working in Europe. Ph.D. students should not be older than thirty years and post-doctorate scientists should not be over thirty-two years at the time of application. Participation in conferences, symposia and workshops is not sponsored. Travel allowances are awarded for a maximum of three months.

DEADLINE NOTE

Applications can be submitted at any time and are decided within approximately six weeks. Applications submitted less than six weeks before departure will not be considered.

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?27413](http://australia.infoed.org/spin/spin_prog.asp?27413)

### **Semiconductor Research Corporation**

Program Number: 84178

Title: Interconnect and Packaging Sciences (IPS) - BEP and Packaging

E-mail: [harold.hosack@src.org](mailto:harold.hosack@src.org)

Program URL:

[http://www.src.org/fr/S200706\\_IPS\\_Call.asp](http://www.src.org/fr/S200706_IPS_Call.asp)

The sponsor solicits white papers in the BEP and Packaging areas for work to begin February 1, 2008 for an expected three-year period. However, awards of one year and two years may be made for exploratory programs intended to extend the understanding of radical concepts to full program viability.

**Deadline(s): 25/06/2007**

DEADLINE NOTE

The deadline for the submission of white papers is June 25, 2007 by 3:00pm EDT. Full proposals, if invited, are due by September 21, 2007 by 3:00pm EDT.

Link to full program description:

[http://australia.infoed.org/spin/spin\\_prog.asp?84178](http://australia.infoed.org/spin/spin_prog.asp?84178)