

Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 34 Number 21
30 May – 5 June 2008

SCHOOL SEMINAR PROGRAM

Thursday 5 June 2008

4.00pm

by Dr Anton Desyatnikov

NonLinear Physics Centre

“Nonlinear Physics of Optical Vortices”

HUXLEY LECTURE THEATRE

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

ALL WELCOME

SCHOOL SEMINAR

Theoretical Physics Seminar

Wednesday 4 June

11.00am

“The Bethe ansatz solution of p+ip
superconductivity”

by Dr Jon Links

Centre for Mathematical Physics, The University
of Queensland

Room L3.17 Le Couteur Building

All Welcome

SCHOOL MEETING - 6 JUNE 2008

The first School Meeting for this year will be held in the Huxley Lecture Theatre at 9.30am, Friday 6 June. All staff (academic and general) and students are encouraged to attend. The Director will give a School update and there will be time for questions.

FROM THE ACTING FACILITIES AND SERVICES MANAGER

Electrician Welcome

Please welcome the new School Electrician, Pat Lang. Pat came to us from JSMCR, so is very familiar with ANU operations and requirements. He is located in the Electronics Unit and can be contacted on 50005 or patrick.lang@anu.edu.au.

For all electrical work please ensure that the online request system, via the School Services Web Page is utilised.

Ron Cruikshank – Changing role

Mr. Ron Cruikshank, until recently, Manager of the Mechanical Workshop, has had a change in role. He will now look after a number of special projects in School Services while a successor to his previous role is identified. Please join me in thanking Ron for his many years of exceptional and dedicated work in the Mechanical Workshop.

Ron is now located in office 310, Ground Floor Oliphant Building, and can be contacted on 54547. His email contact details will remain the same Ron.Cruikshank@anu.edu.au.

CONGRATULATIONS

Emeritus Professor Rodney Baxter’s pioneering work undertaken in the Department of Theoretical Physics has been recognised by the American Physical Society. His seminal paper “Eight-Vertex Model in Lattice Statistics” has been selected as the Milestone Letter for 1971 to mark the 50th anniversary celebration of Physical Review Letters.

See <http://prl.aps.org/50years/milestones>

This is a big recognition for his work, as Letters chosen for other years have mostly gone on to win Nobel Prizes in Physics.

Ivan Garanovich, Nonlinear Physics Centre, received an award (with a cash prize) for the best poster presented at the WE-Heraeus-Seminar “Discrete Optics and Beyond”. The poster (co-authored by other members of NLPC and collaborators from the Institute of Applied Physics in Jena) reported on the first theoretical prediction and experimental demonstration of self-collimation of supercontinuum light in modulated waveguide arrays.

STAFF MOVEMENTS

The Department of Theoretical Physics welcomes Dr Jon Links, Centre for Mathematical Physics, The University of Queensland as a visitor from 2-11 June. Dr Links will undertake collaborative work with members of the mathematical physics group.

Associate Professor Vince Craig is attending the "Chemical Congress 2008" 23 – 25 May, Kathmandu, Nepal.

GRANTS AND AWARDS

Semiconductor Research Corporation

Program Number: 84178

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

E-mail: scott.list@src.org

Program URL:

http://grc.src.org/fr/S200807_IPS_Call.asp

The sponsor solicits white papers in the BEP and Packaging areas for work to begin February 1, 2009 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): 26/06/2008

DEADLINE NOTE

The deadline for the submission of white papers is June 26, 2008 by 3:00pm EDT. Full proposals, if invited, are due by September 11, 2008 by 3:00pm EDT.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?84178

Electrochemical Society

Program Number: 95024

Title: Fullerenes, Nanotubes, and Carbon Nanostructures Division SES Research Young Investigator Award

E-mail: awards@electrochem.org

Web Site:

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

Program URL:

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

The sponsor provides an award to recognize and reward one outstanding young researcher each year in the field of Fullerenes, Carbon Nanotubes, and

Nanostructures (FNCN). Such early recognition of highly qualified scientists is intended to encourage especially promising researchers to remain active in the field.

Deadline(s): 01/09/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?95024

Electrochemical Society

Program Number: 95026

Title: Industrial Electrochemistry and Electrochemical Engineering Division H. H. Dow Memorial Student Achievement Award

E-mail: awards@electrochem.org

Web Site:

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

Program URL:

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

The sponsor provides an award to recognize promising young engineers and scientists in the field of electrochemical engineering and applied electrochemistry.

Deadline(s): 15/09/2008

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?95026