

Weekly Bulletin

Research School of Physical Sciences & Engineering

Volume 33 Number 30
10 – 16 August 2007

CONGRATULATIONS

Congratulations to Hannah Joyce, EME, on winning a 2007 IEEE Lasers and Electro-Optics Society Graduate Fellowship. Only two fellowships (valued at US\$5000) were given in the entire Asia-Pacific.

SCHOOL SEMINARS

Nonlinear Physics Center Seminar
Friday 10 August 2007

11 am

“Zener tunneling, Bloch oscillations, nonlinear tunneling and Rabi oscillations in periodic and quasi-periodic two-dimensional lattices”

by Dr Valery Shcheshnovich, Department of Physics, Universidade Federal de Alagoas, Maceio Link Building Seminar Room

Department of Theoretical Physics Seminar
Wednesday 15 August 2007

11.00am

“Factorization of static correlation functions in the XXZ chain”

by Dr Frank Goehmann

Bergische Universität Wuppertal

Le Couteur Building Seminar Room Level 2

COSNet / SP3 SEMINAR

Monday 20 August 2007

4.00 pm

“Plasma Thrusters and Double Layers”

by Professor Amnon Fruchtman

Holon Institute of Technology, Israel

Seminar Room Link Building

All Welcome

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

COSNet SEMINAR / MSI SPECIAL COLLOQUIUM

Friday 24 August 2007

2:00 pm

“Coordinate Transforms Underpin Multiscale

Modelling and Reduction in Deterministic and Stochastic Systems”

by Professor Tony Roberts

Department of Mathematics & computing

University of Southern Queensland

Manning Clark Lecture Theatre 5

All Welcome

Afternoon tea will be provided in the MSI Common Room after the Seminar

PHYSICS HONOURS PROJECTS FOR 2008

As students will soon be looking for physics honours projects for 2008 it is time to update the honours project handbook:

<http://www.anu.edu.au/Physics/honours/downloads/Projects.pdf>

Please email me in WORD format a 1 page summary of the projects you are offering, following the format of the handbook. Note the purpose of these is to get students interested in your work - not to provide a detailed description of particulars.

craig.savage@anu.edu.au, Physics Honours coordinator.

GRANTS & AWARDS

American Ceramic Society

Program Number: 75904

Title: W. David Kingery Award

E-mail: mstout@ceramics.org

Program URL:

<http://www.ceramics.org/membership/awards/davidkingery.asp>

The sponsor provides an award to recognize distinguished lifelong achievements involving multidisciplinary and global contributions to ceramic technology, science, education and art.

Deadline(s): 05/12/2007

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?75904

American Ceramic Society

Program Number: 75906

Title: Robert L. Coble Award for Young
E-mail: mstout@ceramics.org
Program URL:
<http://www.ceramics.org/membership/awards/coble.asp>

The sponsor provides an award to recognize an outstanding scientist who is conducting research in academia, industry or at a government-funded laboratory. Candidates must be members of the sponsor organization at the time of nomination and it is encouraged that they be thirty-five years of age or younger as of the Annual Meeting.

Deadline(s): 05/12/2007

Link to full program description:
http://australia.infoed.org/spin/spin_prog.asp?75906

Space Telescope Science Institute

Program Number: 76217
Title: Hubble Postdoctoral Fellowship Program
E-mail: hfinquiry@stsci.edu
Program URL:

<http://www.stsci.edu/institute/org/spd/hubble-fellowship/ao>
The program provides an opportunity for highly qualified recent postdoctoral scientists to conduct independent research that is broadly related to the mission of the Hubble Space Telescope (HST). The research will be carried out at United States Host Institutions chosen by each Fellow. Applicants must have received their Ph.D. or equivalent degree in 2004 or later.

Deadline(s): 01/11/2007

Link to full program description:
http://australia.infoed.org/spin/spin_prog.asp?76217

Program description:
http://australia.infoed.org/spin/spin_prog.asp?89513

Joint Institute for Laboratory Astrophysics

Program Number: 03483
Title: Visiting Fellowships
E-mail: glenn@jila.colorado.edu
Program URL:

<http://jilawww.colorado.edu/employ/vf.html>
Support is provided for in-residence fellowships in fields of research pursued at the JILA, in Boulder, Colorado. Eligible applicants include university and senior industrial researchers. Two types of visits will be considered: (1) Short term visitors, who stay at JILA for up to four weeks with a minimum stay of one week, and (2) longer term visitors, who stay for up to one year, with a minimum stay of six weeks.

Deadline(s): 01/11/2007

Link to full program description:
http://australia.infoed.org/spin/spin_prog.asp?03483

Los Alamos National Laboratory

Program Number: 03828
Title: J. Robert Oppenheimer Postdoctoral Fellowship

E-mail: postdoc-info@lanl.gov

Program URL:
<http://www.lanl.gov/science/postdocs/appointments.shtml>

The sponsor provides fellowships to support independent research of the recipient's choice.

Deadline(s): 16/10/2007

Link to full program description:
http://australia.infoed.org/spin/spin_prog.asp?03828