SCHOOL COLLOQUIUM

THURSDAY 17 MAY 2007
4.00pm
“Acoustics of Musical Wind Instruments - And of Musicians”
by Professor Joe Wolfe, School of Physics, The University of New South Wales.
LEONARD HUXLEY LECTURE THEATRE
Drinks and light refreshments will be provided in the RSPSE Link Tea Room after the Colloquium
ALL WELCOME

SCHOOL SEMINAR

Nonlinear Physics Centre Seminar
Monday 7 May 2007
11.00am
“Accurate numerical modelling of metamaterials using finite-difference time-domain method”
by Dr Pavel Belov, Queen Mary University of London, UK
Link Building Seminar Room

SCHOOL FORUM NOMINATIONS

A reminder that nominations for representatives and alternates from departmental technical officers, departmental administrators, students, and non-tenured academic staff close at 5pm on Friday, 11 May 2007. Completed nomination forms to be received by Helen McMartin in the School HR Office.

STAFF MOVEMENTS

Professor Rod Boswell and Dr Christine Charles are travelling to Université d'Orléans to work in the GREMI Laboratory as Research Fellows for one month before attending a workshop in Dublin where Christine has been invited to give an address with a paper on Radio-Frequency Discharges. While they in Dublin Rod and Christine will be collaborating with the University of Dublin for 2 days.

Professor Anatoli Kheifets will be overseas in May 2007. He will present papers at the European Conference on Atoms, Molecules and Photons on Crete, Greece, and give an invited talk at the International Symposium on Multiphoton Multiple Ionization of Atoms and Molecules at the same location. Professor Kheifets is also invited to give talks at the University of Frankfurt, the National Hellenic Research Foundation in Athens and the Ruder Boskovic Institute in Zagreb.

VISITING STUDENTS

Please join the Atomic and Molecular Physics Laboratories in welcoming visiting Honours students Tyler RAESIDE and Jason ROBERTS who will be joining us for approximately 5 months from Flinders University and studying under Professor Buckman's guidance in the Centre for Antimatter-Matter Studies. We wish them both a warm welcome.

AMPL VISITORS

AMPL will receive several distinguished visitors during May. Dr Mark Stevenson from the University of Adelaide, Professor Hyuck Cho from Chungnam National University in Korea and Professor Hiroshi Tanaka, Sophia University, Tokyo will be visiting Professor Buckman. Dr Chris Westbrook from Laboratoire Charles Fabry de l'Institute D'Optique in Paris will be visiting Dr Ken Baldwin.

CONGRATULATIONS

Congratulations to Dr Hua Xia (PRL) and her husband Xinjun Luo on the birth of their baby boy!

THIEVERY ON CAMPUS

There are thieves active on campus. Please ensure that all valuables are secured. Laptops and computers in particular have been targeted.
GRANTS & AWARDS

Australian Coal Research Limited
Program Number: 22580
Title: Australian Coal Association Research Program (ACARP)
E-mail: anne@acarp.com.au
The sponsor will fund projects that lead to improvements in safety standards and performance, a reduction in the environmental impacts of mining and coal utilisation, a reduction in the mine operating cost and technical support to marketing of coal. The priority areas in 2007 are: Underground, Open Cut, Coal Preparation, Technical Market Support, Sustainability, and Greenhouse Gas Mitigation.
Deadline(s): 23/05/2007
Deadline Note
The closing date for initial submissions is 23 May 2007. Announcement of short-listed submissions is to be made by 27 July 2007, and closing date for full submissions on 12 September 2007. Funded projects are expected to be announced by mid-December 2007.
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?22580

American Institute of Aeronautics & Astronautics
Program Number: 76467
Title: Aerospace Software Engineering Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
An award is presented for outstanding technical and/or management contributions to aeronautical or astronomical software engineering.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?76467

American Institute of Aeronautics & Astronautics
Program Number: 84035
Title: Excellence in Aerospace Standardization Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize contributions by individuals that advance the health of the aerospace community by enabling cooperation, competition, and growth through the standardization process.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84035

American Institute of Aeronautics & Astronautics
Program Number: 84036
Title: F. E. Newbold V/STOL Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize outstanding creative contributions to the advancement and realization of powered lift flight.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84036

American Institute of Aeronautics & Astronautics
Program Number: 84038
Title: Gardner-Lasser History Literature Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize the best original contribution to the field of aeronautical or astronomical historical non-fiction literature published in the last five years dealing with the science, technology, and/or impact of aeronautics and astronautics on society.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84038
American Institute of Aeronautics & Astronautics
Program Number: 84039
Title: History Manuscript Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize the best historical manuscript dealing with the science, technology, and/or impact or aeronautics and astronautics on society.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84039

American Institute of Aeronautics & Astronautics
Program Number: 84040
Title: Information Systems Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor presents an award to recognize technical and/or management contributions in space and aeronautics computer and sensing aspects of information technology and science.
Deadline(s): 01/07/2007
DEADLINE NOTE
This award is presented in odd years.
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84040

American Institute of Aeronautics & Astronautics
Program Number: 84041
Title: Lawrence Sperry Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize a notable contribution made by a young person (under the age of thirty-five) to the advancement of aeronautics or astronautics.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84041

American Institute of Aeronautics & Astronautics
Program Number: 84042
Title: Losey Atmospheric Sciences Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize outstanding contributions to the atmospheric sciences as applied to the advancement of aeronautics and astronautics.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84042

American Institute of Aeronautics & Astronautics
Program Number: 84054
Title: Pendray Aerospace Literature Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize an outstanding contribution or contributions to aeronautical and astronautical literature in the relatively recent past.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84054

American Institute of Aeronautics & Astronautics
Program Number: 84055
Title: Space Processing Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor offers an award to recognize significant contributions in space processing or in furthering the use of microgravity for space processing.
Deadline(s): 01/07/2007
DEADLINE NOTE
This award is presented in even years.
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84055

American Institute of Aeronautics & Astronautics
Program Number: 84057
Title: Wright Brothers Memorial Trophy
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor provides an award to recognize significant public service of enduring value to aviation in the United States.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?84057
American Institute of Aeronautics & Astronautics
Program Number: 89736
Title: Faculty Advisor Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor presents an award to the faculty advisor of a the sponsor's chartered Student Branch, who in the opinion of student branch members, and the Student Activities Committee of the sponsor, has made outstanding contributions as a student branch faculty advisor, as evidenced by the record of his/her branch in local, regional, and national activities.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?89736

American Institute of Aeronautics & Astronautics
Program Number: 89737
Title: Summerfield Book Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor presents an award to the author of the best book recently published by the sponsor.
Deadline(s): 01/07/2007
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?89737

American Institute of Aeronautics & Astronautics
Program Number: 89738
Title: James Van Allen Space Environments Award
E-mail: carols@aiaa.org
Program URL: http://www.aiaa.org/content.cfm?pageid=290
The sponsor presents the award to recognize outstanding contributions to space and planetary environment knowledge and interactions as applied to the advancement of aeronautics and astronautics.
Deadline(s): 01/07/2007
DEADLINE NOTE
This award is presented in even years.
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?89738

Wellcome Trust
Program Number: 62171
Title: International Senior Research Fellowships
E-mail: contact@wellcome.ac.uk
Program URL: http://www.wellcome.ac.uk/node2139.html
This fellowship supports outstanding researchers, either medically qualified or science graduates, who wish to establish a research career in an Indian, South African, Czech, Estonian, Hungarian or Polish academic institution.
Deadline(s): 08/06/2007
DEADLINE NOTE
Candidates should complete a preliminary application form, to be submitted by June 8, 2007. Short listed candidates will be required to complete a full application for submission by September 3, 2007.
Link to full program description: http://australia.infoed.org/spin/spin_prog.asp?62171