

Weekly Bulletin

Research School of Physics and Engineering



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CALL FOR NOMINATIONS

You are invited to submit nominations for the 2010 CiSRA Prize for the best research paper by a student of the School published between 1 July 2009 and 1 September 2010. Nominations can be submitted by students, supervisors or Heads of Departments, with a supporting statement from the supervisor clearly indicating the student's contribution. The conditions of the prize are attached. The closing date for nominations is 1 September 2010. Please send your nominations to Liudmila Mangos, Student Development Officer.

SCHOOL SEMINARS

Applied Mathematics Seminar
Friday 6 August 2010, 3.20pm

Le Couteur Building, Theoretical Physics Seminar Room, L3.17

An Introduction to Modeling of Lithium Ion Batteries
Matthew Pinson, a former member of our department who worked with David Williams. He is now a PhD student at MIT.

Electronic Materials Engineering Seminar
Monday 9 August 2010, 2.00pm

Seminar Room, Link Building, RSPE

The application of nanoindentation to understanding materials behaviour

S.V. Hainsworth, Department of Engineering, University of Leicester

Electronic Materials Engineering Seminar
Thursday 19 August 2010, 11.00am

Seminar Room, Link Building, RSPE

The Role of Ion Beam Technology in the Development of 2nd Generation Silicon Photonics

A P Knights, Department of Engineering Physics, McMaster University

INAUGURAL DEVELOPMENT EVENT



Leonard Huxley Theatre

On the 29 July 2010, RSPE hosted its inaugural development event to reconnect and renew its association with our donors, alumni and friends of the School. It was an excellent opportunity for our community to interact with School and University representatives, Nobel Laureate Professor Chen Ning Yang and to understand the importance of development initiatives through the speech by Professor Jim Williams.

This was followed by a public seminar by Professor Yang on '*How Mathematics and Physics Got Together*' which attracted an overwhelming response at the Leonard Huxley Theatre with no standing space available. Professor Yang delivered a personal account of ground breaking theoretical developments he was involved in. One highlight of the talk was Professor Yang's recollection of how he was saved by J. Robert Oppenheimer from Wolfgang Pauli's infamously withering critique during a seminar at Princeton. Professor Yang's speech will be available online as an audio file soon.



Professor Yang with alumni at the event

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STAFF MOVEMENTS

Professor Jagadish will be travelling to the Republic of Korea from 15 - 28 August to attend the IEEE Nanotechnology Conference as well as the IUMRS International Conference on Electronic Materials.

Professors Andrew Stuchbery and George Dracoulis (invited speakers) and Dr Greg Lane, Department of Nuclear Physics, will be attending the Nuclear Structure 2010 conference at Berkeley, California, 8 - 13 August. Prof Stuchbery will also be visiting Rutgers University for collaborative work, the ISOLDE at CERN to participate in experiments and to visit CNRS Orsay for collaborative work relating to the ARC Project "Magnetic moments of radioactive beams". Prof Stuchbery returns 28 August.

WELCOME

The Department of Electronic Materials Engineering would like to welcome Dr Patrick Parkinson who has started a Postdoctoral Fellowship with Professor Jagadish.

VISITOR

The Department of Electronic Materials Engineering would like to welcome Ms Qian Gao who is visiting Dr Michael Gao.

**PHYSICS EDUCATION GROUP
EVERY FRIDAY 4-5 PM
RSPE CONFERENCE ROOM**