

Weekly Bulletin

Research School of Physics and Engineering



Volume 36 Number 5
12 – 18 February 2010

FROM THE DIRECTOR'S OFFICE

Congratulations to Professor Mark Knackstedt on being awarded the ENI Award 2010 which is the foremost energy prize in the world. It has been referred to as the Nobel Prize of Energy. Mark joins a host of Nobel Laureates who are previous winners. The prize includes a very substantial monetary award and will be presented in Rome in June by the President of the Italian Republic.

SCHOOL SEMINARS

Department of Quantum Science
Tuesday 23 February 2010

2.00pm

Gavin Chapman will be giving a presentation about precision machining entitled "Ultra-Precision Machining: Its Evolution as an Enabling Manufacturing Technology".

This is a part of the process of deciding which supplier will be asked to provide an ultra precision lathe for machining optical components, as funded by last year's LIEF bid.

Please forward this email onto anyone who you think might want to attend.

Details:

Gavin Chapman, representing Moore Nanotechnology Systems

(<http://www.nanotechsys.com/>><http://www.nanotechsys.com/>)

ACQAO Seminar Room

CATALYST PROGRAM

See the team from the H-1NF on ABC's CATALYST next Thursday, 18 February 2010, at 8pm – "The Future of Fusion".

SCHOOL VISITORS

The Plasma Theory and Modelling Group of PRL welcomes Mr Minhao Yu (4 – 18 February) and Professor Chang Mo Ryu (11 – 18 February) of the Department of Physics of the Pohang University of Science and Technology, Korea. Mr Yu and

Professor Ryu will be collaborating with Dr Matthew Hole and Professor Robert Dewar on studies of sawtooth MHD oscillations in recent data from K-STAR, a new US\$350 million facility which has recently been commissioned in Daejeon.

The Plasma Research Laboratory welcomes Professor Mikeal Persson and Dr Andreas Fhager from Chalmers University of Technology who are collaborating with Professor John Howard and Dr Shantanu Padhi on microwave tomography. Professor Persson will be here until 11 February, while Dr Fhager will be here until the end of April.

The Space Plasma, Power and Propulsion group welcomes back Professor Mike Lieberman. Professor Lieberman will be working with Dr Christine Charles and the SP3 group for the next three months on the physics of double layers and thrusters.

The Space Plasma, Power and Propulsion group also welcomes Dr Christian Sarra-Bournet, a post-doctoral researcher from Canada, who is here for the next two years working in the area of plasma deposition of thin films.

NLPC – Honours Students' Arrival

Mr James Farnell, an Honours student with ANU, has joined us today to do his Honours this year with NLPC.

You may remember he was with us in 2008 as a PhB student.

He will have a desk in L3.31

Telephone – 50803

Email – u4314819@anu.edu.au

Please help me welcome him to NLPC.

Mr Daniel Sultmann, a student from ANU, has arrived to do his Honours with NLPC.

He will have a desk in L3.31

Telephone – 50803

Email – to be advised

Please help me welcome him to NLPC.

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NEWS FROM THE SCHOOL COMPUTING UNIT

Purchasing of Computers and IT peripherals. -

<http://physics.anu.edu.au/scu/documentation/purchasing.php>

The ANU has preferred supplier arrangements for IT equipment in place to allow us to receive substantial discounts on quality hardware. To this extent the ANU wants to ensure that contracted arrangements for purchasing of IT equipment are utilised. Upfront cost should not be the determining factor when buying a computer. When it is, the Total Cost of Ownership (TCO) over the life of the computer, is more often than not much higher.

Due to these procedures put in place by the ANU, all purchases of Computer hardware must be confirmed with the SCU to ensure the full support by our team. Our current preferred supplier is Dell's business and workstation range and these have proven to be a gold standard in terms of TCO. The SCU can arrange quotes on these lines for you. Please note that all decisions to purchase IT equipment should be discussed with SCU staff.

Labview- <http://labview.anu.edu.au>

For those staff and students interested in using Labview for Experimental control or simulation, The Research School participates in a site license arrangement. The SCU has also taken over management of the Licensing of the product from the ANU Division of Information in order to provide our user base with a better service. For more information see the above link or contact the SCU.

More useful information in the next edition!

Regards,

The Physics IT team.

IT.Support@physics.anu.edu.au