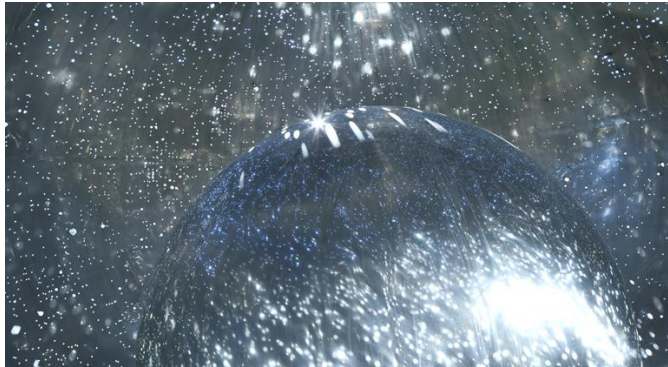




Research School of Physics and Engineering

Weekly newsletter | Volume 39 Number 28 | 19 – 25 July 2013

DIRECTOR'S COLLOQUIUM



Finding Space in a Nonspatial World

Professor David Chalmers

Centre for Consciousness, ANU

12:00 Thursday 1 August

Leonard Huxley Lecture Theatre

For further information please see:

<http://physics.anu.edu.au/events>

Snacks will be provided at 11:30am prior to the Colloquium RSPE tearoom

STAFF MOVEMENTS

Atomic and Molecular Physics

Professor Anatoli Kheifets will be overseas from 30 June – 31 August. He will give seminars and conduct collaborative work with Universities of Stockholm and Vienna. He will present his works at the Attosecond Physics Conference in Paris, the Workshop on Intense field-Short Wavelength Atomic and Molecular Processes (ISWAMP) in Xi'an and The International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) in Lanzhou (China). He will chair a session at the ISWAMP and present a report to the Executive Committee of the ICPEAC on the 2017 conference to be held in Australia.

Electronics Material Engineering

PhD student Sahar Mirzaei will be attending the Synchrotron, Scelerator and Neutron User Symposium in Sydney 25-26 July.

A/Prof Patrick Kluth, Drs Matias Rodrigues & Boshra Afra and PhD students Daniel Schauries & Allina Nadzri will be visiting Synchrotron facility in Melbourne conducting experiments 26-29 July

Professor Chennupati Jagadish, Ms Liz Micallef and PhD students Qian Gao, Sam Turner & Xiaoming (Fred) Yuan will be attending the ANN ECR Workshop in Adelaide 24-28 July

Applied Mathematics

Ms Mahsa Paziresh will attend the conference in Belgium and will be away from 29 June - 30 July.

Professor Vince Craig will visit collaborators in Germany and continue on to the Aqua Incognita - Galileo 400 years on - The Florentine Debates to be held in Florence, Italy. Prof Craig will be away for the period of 6 - 21 July. **Professor Stephen Hyde** who is at the Niels Bohr Institute, Denmark, for the period 28 May to 18 October will also attend the Aqua Incognita Debate for the period 13-21 July.

Dr Drew Parsons and Mr Timothy Duignan will also attend the Aqua Incognita Debate, and then continue to visit the Marcoule Institute in France. Both are leaving 11 July, Mr Duignan will return 27 July and Dr Parsons on 31 July.

Department of Quantum Science

Dr Peter Riggs (Visiting Fellow DQS) will present an invited seminar to the Department of Physics, University of Queensland in Brisbane on 23 July. The title of the talk is: 'Causal Quantum Mechanics: Theory & Predictions'.

ANU PARKING OFFICE RELOCATION

The ANU Parking Office will be relocating on Monday 12th August 2013. The new address will be- Parking and Transport Office Innovations Building # 124 Corner of Eggleston and Garran Roads Hours of operation: 9am to 4:30pm weekdays Email: parking@anu.edu.au Phone: 6125 3649 (Permits) or 6125 3999 (Infringements)

PHYSICS EDUCATION CENTRE REPORT

The first PEC meeting for second semester will be held on Wednesday 31 July starting at 3:00 pm in the Honours Lecture Room in Huxley (adjacent to the School Computing Unit). We will discuss the upcoming RSPE Market Day, ANU Open Day, the Spring Education Planning Day, the impact of the new government requirements on Masters by coursework degrees, and we will have a brief discussion on useful teaching methods from one of our experienced lecturers.

Second semester starts next Monday 22nd of July. I would like to remind lecturers who have students eligible for supplementary exams from their first semester courses that these exams need to be completed and results should be submitted to the College of Science by the end of next week.

RSPE 3-MINUTES THESIS COMPETITION

RSPE will be holding its first School wide 3-Minute Thesis competition next Thursday, 25th July, at 2pm in the Leonard Huxley Lecture Theatre.

We have 6 participants (from EME, Laser and Plasma).

The presentations will be strictly 3 minutes in length and will be judged by a panel of 3 judges. As well as the judges' vote, there will be an audience vote. Both winners will receive a prize.

Please come along and support your colleagues!

All welcome!

For further enquiries please contact Luda or Karen on research.students@physics.anu.edu.au

PHYSICS PROJECT MARKET DAY

On Tuesday 13th August 2013 (11.30am to 2pm) there will be an opportunity for staff to showcase their research and potential projects in Melville Hall to both undergraduate students at all levels as well as graduate students. The event is being held during Science Week and will be heavily promoted by undergraduate lecturers. Hence a strong participation of the undergraduate student cohort is expected. Academics are strongly encouraged to participate in this event by preparing a poster summarizing their research projects on offer and personally attending Market Day to speak with potential students. This day has been organised in recognition of the challenges faced in attracting students to different research groups across the school.

Recent feedback from students has highlighted a number of obsolete projects in the current database. Hence the school also will be taking this opportunity to refresh the RSPE online project database. Academics will be required to:

- Upload projects by July 29th via a new editable web-based interface (accessible from July 5th).
<https://physics.anu.edu.au/intranet/dbadmin/profiles/studentprojects.php>
RSVP for your attendance at Market Day (market.day.rspe@anu.edu.au) by August 1st.
- Prepare a poster or other material to display at Market Day. Posters must be printed by August 9th to assist the SCU in managing the printing load.

It should be noted that existing project database will be removed on August 1st and then the new database will go live. We are happy to discuss individual requirements for displays or demonstrations to make this a fun event during Science Week.

OHS BULLETIN

Health and Safety representative (HSR)

Following the call to all academic and general staff, we had 2 HSR nominations. We are pleased to announce the following representatives for:

Physics North - Mrs Jessica Bell (formerly Ms Blackmore), Applied Maths (Biomedical Radiochemistry Lab, Robertson Building) x57577

Physics South- Mr Steven Marshal, School Electronics Unit, Cockcroft Building x51572

FRAME YOUR PHYSICS

Following on from last year "Frame your Physics" competition, the ACT branch of the AIP will again run the competition in 2013 to promote the communication of physics to a general audience.

The idea is to make a video of up to 3 minutes presenting a topic in physics in an entertaining and informative way. There will be various prizes up for grabs including for high school students, schools and also for university students. We have been advertising the competition in our undergraduate courses and we encourage supervisors to promote the competition with their Honours and PhD students as well.

Entries must be submitted by August 19. Further information can be obtained from the "Frame Your Physics" website at www.act.aip.org.au/Frame_Your_Physics or contact us: Andre Carvalho (andre.carvalho@anu.edu.au) and Cormac Corr (cormac.corr@anu.edu.au)