



VOLUME 37 NUMBER 11

25-31 March 2011

STAFF MOVEMENTS

From the Department of Theoretical Physics, Prof Murray Batchelor will be absent from 19 March to April 3 visiting Institute of Physics Publishing Bristol, All Souls College Oxford, the Institute for the Early Universe at Ewha Women's University, Seoul and attend the 13th General Council Meeting of the Asia-Pacific Centre for Theoretical Physics in Pohang, Korea. Also Prof Peter Bouwknegt will be visiting the University of Hong Kong from 23-31 March where he will give an invited plenary talk at the *Workshop on Geometry and Lie Groups* and conduct collaborative research with Prof S Wu. Prof Vladimir Bazhanov will be TP Acting Head for this period.

Professor Michael Shats, from PRL will be visiting the Kavli Institute for Theoretical Physics, University of California, Santa Barbara from 28 March to 25 April and participate in the program *Nature of turbulence*.

EDUCATION MATTERS

Monday 11 April, 10am-1pm

Mathematica overview seminar

Staff are encouraged to attend this seminar to assist with incorporating it into their teaching, as it is the standard computational platform for physics teaching at ANU. Students are taught it in first year and have a degree of proficiency by third year. Further info see:

www.wolfram.com/events/australasia2011/index.html

ANU has a site licence underwritten by the Physics Education Centre: see

<http://mathematica.anu.edu.au>

WELCOME

Plasma Research Laboratory (PTM group) welcomes Dr Ken McClements from Culham Centre for Fusion Energy, UK who will be visiting for 3 weeks to undertake collaboration with Dr Matthew Hole. Dr McClements, who is an expert on the physics of energetic particles in fusion and astrophysical plasmas, will give a 30 minute Plasma Bites seminar on *Axisymmetric two-fluid plasma equilibria with momentum sources and sinks* at **11:30am on April 4** in the Seminar room.

PRL would also like to welcome French student Barthelémy Delorme from the Université Bordeaux who will be studying under Dr Hole for the next six months.

SCHOOL SEMINARS

Thursday 31 March, 11.00am

Seminar Room Link Building RSPE

Quantum computing in rare earth doped europium chloride

Miss Rose Ahlefeldt (LPC mid-term review)

Friday 15 April, 11.00am

Seminar Room Link Building RSPE

XUV Spectroscopy of Isochorically Heated Metals at the Free Electron Laser FLASH

Professor Ekhart Foerster, Helmholtz Institute Jena, and Institute of Optics and Quantum Electronics, University of Jena, Germany

Australian German Workshop

Thursday 31 March, 2pm

RSPE Seminar Room

Nonlinearities and dynamics in micro- and nanostructured systems

The program includes talks by researchers from Muenster University, Germany, as well as researchers from NLPC, LPC, and EME.

HONOURS LECTURE SERIES

Tuesdays, Wednesdays, Fridays, 12.00noon

(Tues 22 Feb – Friday 3 June)

Seminar Room Link Building RSPE

Advanced Electromagnetism

Drs Matthew Hole and Ron Burman

PhD students and staff are invited to attend the Honours lecture series which covers Jackson's famous textbook on the subject.

BICYCLES IN BUILDING

Please do not bring bikes into the buildings. They are causing damaging to walls and marking carpets. Bikes may also be a trip hazard and impede egress in an emergency. There are number of bike parking areas outside and a new undercover bike shed on the northern side of Weigold Building. This shed is to be fitted with swipe card access in the near future.

Thank you for your assistance in this area – School Facilities and Services Office

EARTH HOUR

Saturday 26 March, 8.30pm

Chifley Meadow (lawns in front of Chifley Library)

ANU staff and students are invited to mark the occasion by enjoying a free barbecue dinner from 6:30pm along with world music, dancing, drumming performances and a fire show on the Chifley Library front lawn. Join people around the world by switching off the light to raise awareness of the link between energy consumption and climate change.