



**VOLUME 37 NUMBER 20**

27 May – 2 June 2011

## **DIRECTORS COLLOQUIUM**

**Thursday 16 June 12.30**

Leonard Huxley Theatre

*Cosmology as Science? From Inflation to Eternity*

Prof Lawrence Krauss, Arizona State University

The Director's Colloquium is the prime physics forum at the ANU aiming to advance the School's research profile by attracting talks from high profile, internationally renowned researchers. It is particularly important in our research-led education program that we provide all our staff and students with the opportunity to learn from research leaders from inside and outside the School in the broader disciplines of physics and engineering. We expect all students and staff to attend the Director's Colloquium as a key part of their academic life. In particular we encourage all physics undergraduate and postgraduate students to attend. Snacks will be provided from 12pm prior to Colloquium in the RSPE Link Tea room, Oliphant Building.

## **SCHOOL SEMINAR PROGRAM**

**Thursday 2 June, 4pm**

Leonard Huxley Lecture Theatre

Building 56, Mills Road

*Correlations: What they tell us about quantum gases*

Dr Andrew Truscott, AMPL

The School Seminar Program is a series of seminars run over the year to enable each department to highlight and explain the relevance of their research activities to the broader school community. It also provides an opportunity to the researchers to increase their visibility and promote themselves and their research to the school. All staff and students are invited to attend these seminars with drinks and light refreshments provided after the seminar around 5pm in the Oliphant tea room.

## **PUBLIC LECTURE**

**Thursday 2 June, 6:30 pm**

Manning Clark Centre Theatre 1

*Quantum Man: Richard Feynman's Life in Science*

Prof Lawrence Krauss, Arizona State University

It took a man who was willing to break all the rules to tame a theory that breaks all the rules. This talk, based on Krauss's new book, presents a charming and accessible overview of the scientific contributions of world famous physicist and public figure Richard Feynman, as seen through the arc of his fascinating life. Please register so we can keep track of numbers: <http://quantumman.eventbrite.com/>

## **DEPARTMENTAL SEMINARS**

Plasma Research Laboratory

**Friday 3 June, 11.00am**

Link Seminar Room, RSPE

*Transport bifurcation in a rotating tokamak plasma*

Edmund Highcock (PhD student), University of Oxford

Plasma Research Laboratory

**Tuesdays & Thursdays, 11.30am**

Room 325 Oliphant Building

*Teaching basic physics for space, processing and fusion plasmas (interactive plasma talks)*

Professor Rod Boswell

Joint NP/TP Seminar

**Thursday 2 June, 11.15am**

Nuclear Physics Seminar Room

*The effective hadron-hadron interaction in medium*

Prof Anthony Thomas, University of Adelaide

## **WELCOME**

Plasma Research Laboratory would like to welcome **Benjamin Frost**, who commences an MPhil working with Dr Fenton Glass and Prof John Howard on aspects of the H-1 Facility upgrade.

The Physics Finance team would like to welcome **Pam Simpkins** who commenced this week as a permanent staff member, primarily assisting the team in financial management & reporting. It is good to have her back (and now for good!).

## **STAFF MOVEMENTS**

From EME, Dr Hoe Tan will be travelling for the day on 30 May 2011 to Sydney to attend the CLEO Pacific Rim organisers meeting and Mr Thomas Bierschenk will be travelling for the day on 30 May 2011 to Melbourne to attend an EXAFS workshop.

## **HIMALAYAN FUNDRAISER**

Thanks to all those who supported the Fred Hollows Foundation fundraising evening organised by the Australian Yangma Expedition. The event raised \$1,608 towards a second eye clinic in Nepal. For those who were unable to make it, the expedition's Fred Hollows website [http://www.everydayhero.com.au/yangma\\_expedition](http://www.everydayhero.com.au/yangma_expedition) (yangma underscore expedition) is still open to receive donations. Remember, just \$25 is required for an operation that can save someone's sight.