

**University of New South Wales
School of Physics
School Colloquia 2007**

DATE	PRESENTER	HOME INSTITUTION	TITLE
15 January 2007	Dr David Weldrake	Max Planck Institute fur Astronomie	Searching for Transiting Extrasolar Planets
8 March 2007	Prof Michael Heller	Pontifical Academy of Theology	Human Time and Time of the Universe
5 April 2007	Prof Bambi Hu	Hong Kong Baptist University	Heat Conduction in Nonlinear Systems
8 April 2007	Prof Harald Fritzsich	University of Munich	Fundamental Constants in Physics and Their Time Dependence
19 April 2007	Prof Peter Schwerdtfeger	Massey University, NZ	Small Effects, Large Consequences: From Relativity to Electroweak Interactions
24 May 2007	Prof Matthias Troyer	Institute for Theoretical Physics	The Supersolid Phase of Matter
31 May 2007	Prof Michael Burton	UNSW School of Physics	Astronomy on the Altiplano - Sub-Millimetre Wave Astronomy from the Atacama Plateau of Chile
21 June 2007	Dr Matthew Chamberlain	Planetary Science Institute, USA	Thermal Radiation from Large Asteroids
29 June 2007	Prof Carl Wieman	University of British Columbia	Science Education in the 21st Century: Using the Tools of Physics to Teach Physics
19 July 2007	Dr Stan Kurtz	Universidad Nacional Autonoma de Mexico	Hypercompact III Regions: The Final Frontier?
24 July 2007	Dr Marco Drewes	Deutsches Elektronen Synchrotron (DESY), Germany	Cosmological Consequences of Inflation Decay
16 August 2007	Dr Miguel Angel Requena Torres	Dpto Astrofisica Molecular e Infrarroja, Instituto de Estructura de la Materia (CSIC), Spain	Chemical Complexity in the Galactic Centre Molecular Clouds
28 August 2007	Prof Chris Tinney	UNSW School of Physics	The Anglo-Australian Planet Search: Hunting Out Extra-Solar Planets
11 September 2007	A/Prof Alex Hamilton	UNSW School of Physics	A 'Hole' New Spin on Electronics
2 October 2007	A/Prof Giovanni Capellini	Universita Roma Tre, Italy	Self Assembling and Self-Ordering in Ge Island Deposited on Si
9 October 2007	Dr Frank Klose	ANSTO	Magnetic Thin Films and Neutron Scattering

DATE	PRESENTER	HOME INSTITUTION	TITLE
30 October 2007	Dr Mark Wardle	Macquarie University	A Guided Tour of Sagittarius 'A**
6 November 2007	Prof Emeritus Richard Blankenbecler	Stanford University	On Reducing Damage and Increasing Effectiveness of Radiation Therapy and Chemotherapy
13 November 2007	Dr Maurice Ripley	ANSTO	Generation IV Nuclear Power Systems
4 December 2007	Dr H C Liu	National Research Council of Canada	Terahertz Nano-Optoelectronics