

Appendix 5

School of Physics Colloquia

DATE	PRESENTER	HOME INSTITUTION	TITLE
10 February 2005	A/Prof Peter Daivis	RMIT University	Steady-State Thermodynamics of Shearing Viscoelastic Fluids
14 February 2005	Prof Juergen Haase	Leibniz Institute for Solid State and Materials Research (IFW), Dresden	Toward NMR and 100 Tesla in Pulsed High Field Magnets
7 March 2005	Prof David Pulfrey	EECE Dept., University of Western Australia ECE Dept., UBC, Vancouver, Canada	Carbon Nanotube Transistors
17 March 2005	Prof Michael Pepper	Cavendish Laboratory, Cambridge, UK	New Electronic Phenomena in One Dimensional GaAs Channels
24 March 2005	Dr Hideaki Takayanagi	NTT Basic Research Laboratories	Readout of Flux Qubits
14 April 2005	Dr R. A. Robinson	The Bragg Institute, ANSTO	Opportunities for Physics Research at OPAL, the Australian Replacement Research Reactor
26 May 2005	Prof Denis J. Evans	The Australian National University	The Fluctuation Theorem
22 August 2005	Steve Squyres	NASA	Roving Mars - Spirit, Opportunity and the Exploration of the Red Planet
15 September 2005	Prof Alexander I. Milstein	Budker Institute of Nuclear Physics, Novosibirsk, Russia	Basic Quantum Electrodynamical Processes in the Electric Field of a Heavy Nucleus
13 October 2005	Prof Alexei Efros	University of Utah, USA	Electrodynamics of Left-Handed Medium
3 November 2005	Dr Andrew Wildes	Institut Laue-Langevin, Grenoble, France	Ferromagnets Ain't Ferromagnets: Polarized Neutron Scattering and the Search for Non-Collinear Ferromagnetism
7 November 2005	Dr Jim Graf	Jet Propulsion Laboratory, USA	The Mars Reconnaissance Orbiter
29 November 2005	Dr David Wineland	National Institute of Standards, Boulder, Colorado, USA	Quantum-Mechanically Entangled Atoms and Raising Schrödinger's Cat
8 December 2005	Prof Michael Duff	Imperial College, London	A Layman's Guide to M-Theory