

Appendix 3

Seminars, Colloquia and Other Presentations

DATE	PRESENTER	TITLE	LOCATION
7 January 2003	V.V. Flambaum	Do the Fundamental Constants of Nature Vary With Time and Distance?	Harvard-Smithsonian Centre for Astrophysics, USA
13 January 2003	V.V. Flambaum	Do the Fundamental Constants of Nature Vary With Time and Distance?	Colloquium, University of California, Berkeley, USA
28 January 2003	W. Couch	Clustering in the 2dF Galaxy Redshift Survey	Invited talk, Third Carnegie Centennial Symposium on Clusters of Galaxies, Pasadena, USA
3 February 2003	C. Lineweaver	Inflationary Cosmology: Background and Motivation	Invited lecture, "The New Cosmology", 16th International Physics Summer School, ANU, Canberra
4 February 2003	C. Lineweaver	Inflationary Cosmology: Structure Formation and the Multiverse	Invited lecture, "The New Cosmology", 16th International Physics Summer School, ANU, Canberra
5 February 2003	C. Lineweaver	What is the Cosmic Microwave Background?	Invited lecture, "The New Cosmology", 16th International Physics Summer School, ANU, Canberra
6 February 2003	C. Lineweaver	The Cosmic Microwave Background and Cosmological Parameters	Invited lecture, "The New Cosmology", 16th International Physics Summer School, ANU, Canberra
7 February 2003	C. Lineweaver	Precision Cosmology and the Synergy of Cosmological Observations	Invited lecture, "The New Cosmology", 16th International Physics Summer School, ANU, Canberra
12 February 2003	F.E. Stanley	Integrated Si:P Devices With Control and Readout: Fabrication Technology and Progress	CQCT Seminar, UNSW, Sydney
14 February 2003	J.W.V. Storey	Handling the People Issues – What Are the People Issues?	Heads of School Induction, UNSW, Sydney
19 February 2003	C. Lineweaver	Cosmic Geology: the Formation and Age Distribution of Terrestrial Planets in the Universe	Invited lecture, Geological Society of Australia, NSW Division, Australian Museum, Sydney
26 February 2003	M. Whiting	What Made the Quasar Blush?	University of Adelaide
5 March 2003	A.D. Greentree	Electromagnetically Induced Transparency in Three, Four, Five and More Level Atoms: The Search for Quantum Non-linear Optics	CQCT - University of Queensland Seminar, Queensland
13 March 2003	A.D. Greentree	Electromagnetically Induced Transparency in Three, Four, Five and More Level Atoms: the Search for Quantum Non-linear Optics	UNSW, Sydney
20 March 2003	M.G. Burton	Douglas Mawson, from Meteorite to Telescope: the Story of Antarctic Astronomy	The Australian Museum Society, Australian Museum, Sydney
26 March 2003	A.D. Greentree	Electromagnetically Induced Transparency in Three, Four, Five and More Level Atoms: the Search for Quantum Non-linear Optics	University of Melbourne Seminar, Melbourne
28 March 2003	D.J. Reilly	A Mesoscopic Mystery With Important Implications	CQCT - University of Queensland Seminar, Brisbane
1 April 2003	M.Y. Simmons	Nanotechnology: from Quantum Physics to Quantum Computing	UNSW, Sydney
11 April 2003	M.G. Burton	Gemini, Antarctica and LOFAR – Australia's Astronomy Future	Astronomical Society of NSW, CSIRO Epping, Sydney
15 May 2003	R.G. Clark	Pushing Nanoscience to the Limit: A Solid State Quantum Processor	UNSW, Sydney
21 May 2003	W. Couch	ELT Science: Galaxy Evolution, the High-z Universe, and Cosmology	Invited talk at the 1st Australian National Extra Large Telescope Workshop, Canberra
25 May 2003	M.G. Burton	Stardust – the Stuff of Life	Macquarie Foundation School of Astronomy, Macquarie University, Sydney
6 June 2003	M.Y. Simmons	The Fabrication of Devices in Silicon One Atomic Layer at a Time	Invited seminar, University of Western Australia, Perth, WA
6 June 2003	M.Y. Simmons	The Fabrication of Devices in Silicon One Atomic Layer at a Time	Invited seminar, Murdoch University, Perth, WA
8 June 2003	M.Y. Simmons	Building Electronic Devices in Silicon Atom by Atom	Australian Institute of Physics de Laeter Youth Lecturer, Perth High School, Perth, WA

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9 June 2003	M.G. Burton	Our Place in the Cosmos	Batemans Bay High School
11 June 2003	J.W.V. Storey	The OWL and the Penguin	Australia Telescope National Facility, Sydney
19 June 2003	V.V. Flambaum	Do the Fundamental Constants of Nature Vary With Time and Distance?	Joint colloquium, Physikalisch-Technischen Bundesanstalt (Braunschweig) - Hannover University, Germany
22 June 2003	V.V. Flambaum	Do the Fundamental Constants of Nature Vary With Time and Distance?	Max-Planck Institute, Garching, Germany
24 June, 2003	M.G. Burton	Stardust – the Stuff of Life	Port Macquarie Observatory, Port Macquarie
26 June 2003	V.V. Flambaum	Do the Fundamental Constants of Nature Vary With Time and Distance?	Ludwig-Maximilian University, Munchen, Germany
31 June 2003	A.P. Micolich	Condensed Matter Physics at UNSW: Fractal Conductance in Quantum Dots, Bilayer Quantum Hall Effects and More	Niels Bohr Institute, Copenhagen, Denmark
3 July 2003	M.A Stevens-Kalceff	Finding Solutions for Users of the Electron Microscope Unit	Invited talk, Techtrain2003, UNSW, Sydney
4 July 2003	J.W.V. Storey	Dome C – the Best Astronomical Site on Earth?	Techtrain2003, UNSW, Sydney
18 July 2003	M.G. Burton	Live From the South Pole - Video Link With the IAU General Assembly	IAU, Sydney Convention Centre, Sydney
20 July 2003	T. Hill and S. Longmore	The Planets and Stars	Festival Astronomy North Sydney, (FANS), Sydney
24 July 2003	M.G. Burton	Stardust – the Stuff of Life	IAU XXV General Assembly Schools Day, Sydney
24 July 2003	M.G. Burton	Careers With Science	IAU XXV General Assembly Schools Day, Sydney
24 July 2003	M. Hunt	The Search for Life in the Universe	IAU XXV General Assembly Schools Day, Sydney
24 July 2003	C. Lineweaver	Where is the Universe Heading?	IAU XXV General Assembly Schools Day, Sydney
24 July 2003	J.W.V. Storey	Astronomy in Antarctica: the Quest to Build the Ultimate Earth-Based Telescope	IAU XXV General Assembly Schools Day, Sydney
31 July 2003	D.J. Reilly	Spin in Quantum Wires: A Mesoscopic Mystery With Important Implications	UNSW, Sydney
5 August 2003	R. Brenner	Here? There? Anywhere? Locating Electrons in Solid-State	Postgraduate Seminar, UNSW, Sydney
5 August 2003	N. Crighton	Measuring the Cosmological Baryon Density with Quasar Absorption Lines	Postgraduate Seminar, UNSW, Sydney
5 August 2003	R. Inta	The Mechanics and Acoustics of the Guitar: A Physical Approach to Manufacturing Musical Instruments	Postgraduate Seminar, UNSW, Sydney
5 August 2003	P. Reece	Making Light Work of Silicon	Postgraduate Seminar, UNSW, Sydney
5 August 2003	T. Travouillon	Atmospheric Turbulence: Astronomical Site Testing Results From Antarctica	Postgraduate Seminar, UNSW, Sydney
18 August 2003	J. Wolfe & M. Webb	Good Vibrations	Workshop, National Science Week, Canberra
19 August 2003	O. Klochan	The Conductance of QPC's near $G=0.7$ ($2e^2/h$) – a Brief Survey	Postgraduate Seminar, UNSW, Sydney
20 August 2003	C. Lineweaver	Does the Rapid Appearance of Life on Earth Suggest That Life is Common in the Universe? (a Problem in Inverse Probability)	Lecture, Department of Statistics, UNSW, Sydney
27 August 2003	M.G. Burton	Mars, the Red Planet	UNSW School of Physics, Sydney
29 August 2003	S. Longmore	Mars, the Red Planet	UNSW School of Physics, Sydney

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2 September 2003	T. Byrnes	Density Matrix Renormalisation Group for the Schwinger Model: A New Approach to Lattice Gauge Theory?	Postgraduate Seminar, UNSW, Sydney
6 September 2003	M.G. Burton	Courses and Careers in Physics and Astronomy	UNSW Expo, Sydney
16 September 2003	C. Fritz	Clarinet Acoustics – Influence of the Musician's Airway	Postgraduate Seminar, UNSW, Sydney
18 September 2003	M.G. Burton	Star Formation, Millimetre Wave Astronomy and Interstellar Chemistry	UNSW School of Chemistry, Sydney
19 September 2003	C. Lineweaver	Cosmobiology	Lecture for Astrobiology course, Macquarie University, Sydney
25 September 2003	C.J. Hamer	Structure Factors and Multi-particle Dynamics from Series Expansions	Seminar, University of California at Davis, USA
30 September 2003	M. Kay	Atmospheric Aerosols – a Way to Sidestep the Global Warming Problem?	Postgraduate Seminar, UNSW, Sydney
3 October 2003	V. Chan	Nanoelectronics for Quantum Computation	UNSW, Sydney
9 October 2003	C. Lineweaver	Interpreting Exoplanet Data	Invited lecture, RSAA/MSO Colloquium, ANU, Canberra
9 October 2003	A.P. Micolich	50 Years Since the FET, and the Research Isn't Over Yet	School of Physics, UNSW
11 October 2003	A.D. Greentree	Triple-dot Methods for (Pseudo-) Spin to Charge Conversion	Griffith University Seminar, Queensland
13 October 2003	A.D. Greentree	Coherent and Incoherent Multi-state Systems	University of Melbourne Seminar, Melbourne
15 October 2003	R. Inta	Physics and Phashion	Postgraduate Seminar, UNSW, Sydney
16 October 2003	C.J. Hamer	Density Matrix Renormalisation Group Approach to the Lattice Schwinger Model	Seminar, University of Swansea, Wales
20 October 2003	A.P. Micolich	50 Years Since the FET, and the Research Isn't Over Yet	Physics Department, University of Queensland, Brisbane
29 October 2003	T. Baynes	Animal Magnetism	Postgraduate Seminar, UNSW, Sydney
31 October, 2003	M.G. Burton	What is a Planet?	Science in the Pub, Imperial Hotel, Coonabarabran
7 November 2003	C.J. Hamer	Structure Factors and Multi-particle Dynamics from Series Expansions	Seminar, Department of Theoretical Physics, Oxford University, England
7 November 2003	J. Wolfe	Serenade for Tuned Sopranos, Trombone, Didjeridu and Rotating Strings	Australian Music and Psychology Seminar, Sydney
11 November 2003	A.D. Greentree	Triple-dot Methods for (Pseudo-) Spin to Charge Conversion	CQCT - Griffith University Workshop, Queensland
11 November 2003	T. Travouillon	An Introduction to Adaptative Optics	Postgraduate Seminar, UNSW, Sydney
12 November 2003	M.G. Burton	The Eye of the Tornado	CSIRO Australia Telescope, Sydney
14 November 2003	P. Barnes	Mysteries of Higher Mass Star Formation	Sydney University, Sydney
18 November 2003	W. Couch	Gemini and the Virtual Observatory	invited talk at the 2nd Australian Virtual Observatory Workshop
19 November 2003	C.J. Hamer	Density Matrix Renormalisation Group Approach to the Lattice Schwinger Model	Seminar, DAMTP, University of Liverpool, England
19 November 2003	S. Longmore	Massive Star Formation – the Cradle of Galactic Superpowers	UNSW Astrolunch, School of Physics, UNSW, Sydney
25 November 2003	T. Davis	Is Our Universe an Inside-out Black Hole?	Postgraduate Seminar, UNSW, Sydney

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1 December 2003	J.W.V. Storey and A.M. Moore	Astronomy in Antarctica: the Quest to Build the Ultimate Earth-Based Telescope	Concordia Station, Dome C, Antarctica
8 December 2003	J.W.V. Storey, M.G. Burton and P.G. Calisse	Submillimetre Astronomy	Australia Telescope National Facility, Sydney
9 December 2003	V.V. Flambaum	Time Reversal and Parity Violation in Atoms and Nuclei	Princeton University, USA
18 December 2003	M. Whiting	What Made the Quasar Blush?	Infrared Processing and Analysis Center, Caltech, USA