

Appendix 3

Seminars, Colloquia and Other Presentations

Date	Presenter	Title	Location
5 January 2005	M. Burton	Signatures of the Route to Massive Star Formation	Dept of Physics & Astronomy, University of Leeds, UK
10 January 2005	M.C.B. Ashley	Extremely Large Telescopes in Antarctica	Physics Department, University of Michigan, USA
12 January 2005	O.P. Sushkov	Theory of Incommensurate Magnetic Correlations Across the Insulator-Superconductor Transition of Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$	University of California Davis, USA
12 January 2005	D.J. Miller	A Time-Symmetric Quantum Mechanics	Dept of Philosophy, University of Maryland, USA
26 January 2005	O.P. Sushkov	Theory of Incommensurate Magnetic Correlations Across the Insulator-Superconductor Transition of Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$	University of California, Irvine, USA
28 January 2005	M.Y. Simmons	Atomic-Scale Device Fabrication in Silicon	ANU, Canberra
2 February 2005	M. Burton	What Do Bow Shock Really Look Like?	UNSW Astrolunch
3 February 2005	M.C.B. Ashley	Extremely Large Telescopes in Antarctica	Gemini Observatory, La Serena, Chile
7 February 2005	M.G. Burton	Star Formation and Millimetre Wave Astronomy	Sky City Skywatchers, Sydney Observatory
10 February 2005	O.P. Sushkov	Theory of Incommensurate Magnetic Correlations Across the Insulator-Superconductor Transition of Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$	University of British Columbia, Canada
11 February 2005	T. Hill	A Precursor to the Methanol Maser?	ATNF Millimetre Lunch
14 February 2005	M.G. Burton	Saturn and Titan	Starnight, School of Physics, UNSW
14 February 2005	S. Longmore	Cassini-Huygens to Saturn	Saturn Viewing Night, UNSW
15 March 2005	M.G. Burton	Astronomy	Eastern Suburbs Community College, UNSW
16 March 2005	M.G. Burton	An Upper Limit to the Masses of Stars	Journal Club, AstroLunch, School of Physics, UNSW
17 March 2005	C. Purcell	The Evolution of HII Regions Inside Molecular Cores	ATNF Journal Club
22 March 2005	M.G. Burton	Science Linkages Between the Mopra and NANTEN Telescopes	Universidad de Chile, Santiago, Chile
29 March 2005	M.G. Burton	Astronomy	Eastern Suburbs Community College, UNSW
1 April 2005	A. Phillips	UNSW Automated Patrol Telescope	Coonabarabran Astronomical Society
5 April 2005	M. G. Burton	Astronomy	Eastern Suburbs Community College, UNSW
13 April 2005	J.W.V. Storey	Experience with and Characteristics of Dome C	Astrophysical Institute Potsdam, Potsdam, Germany
20 April 2005	T. Hill	A Precursor to the Methanol Maser	ATNF, Epping
20 April 2005	M.A. Stevens-Kalceff	Academic Career Paths in Physics	BEEES Women in Science Program
21 April 2005	T. Hill	Dust Emission at 7 mm: Preparation for the ATCA's 7 mm System	ATNF, Epping
21 April 2005	S. Longmore	Molecular Lines in the 7 mm Band	ATNF, Epping
27 April 2005	S. Longmore	Measuring the Multiplicity of Massive Protostars	UNSW, Astrolunch
3 May 2005	R. Danneau	Charge Density Wave Dynamics in Quasi-One Dimensional Metals and Ballistic Transport in Semiconductor Hole Systems: Two Different Ways to Study One-Dimensional Physics	Atom Optics Theory Group, University of Queensland, Brisbane

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4 May 2005	V. Flambaum	Variation of Fundamental Constants	Australian National Laboratory
5 May 2005	V. Flambaum	P and T Violation in Atoms and Nuclei	Australian National Laboratory
10 May 2005	S. Longmore	Measuring the Multiplicity of Massive Protostars	Insitut d'Astrophysique de Paris (IAP), France
11 May 2005	T. Hill	Examining the Evolutionary Sequence of Massive Star Formation - A Precursor to the Methanol Maser	Joint Astronomy Centre, Hawaii
12 May 2005	C. Purcell	Search for Southern Hot Cores	Insitut d'Astrophysique de Paris (IAP), France
12 May 2005	T. Hill	Examining the Evolutionary Sequence of Massive Star Formation - A Precursor to the Methanol Maser	Institute for Astronomy
13 May 2005	M.G. Burton	The Earliest Stages of Massive Star Formation	Department of Physics, University of Leeds, UK
17 May 2005	M.G. Burton	The Earliest Stages of Massive Star Formation	AstroLunch, UNSW
25 May 2005	J. Wolfe and G. Hatsidimitris	Einstein Launch	Flexible Education Seminar, UNSW
25 May 2005	M. Owers	Environmental Properties of a Sample of Starburst Galaxies Selected From the 2dFGRS	Swinburne Galaxy Groups Workshop
28 May 2005	C. Purcell	Mopra Calibration and Data Reduction Strategies	ATNF
1 June 2005	S. Longmore	Measuring the Multiplicity of Massive Protostars	Harvard Center for Astrophysics, USA
7 June 2005	T. Wong	Radio Continuum, CO, and Thermal Infrared Emission From Nearby Star-Forming Galaxies	Department of Astrophysics, American Museum of Natural History, USA
8 June 2005	M.G. Burton	Exploring the Cosmos: Mars, Saturn and the Spitzer Space Telescope	Western Sydney Science Teachers Association (LAZSTA), Ingleburn RSL
9 June 2005	W. Couch	From Ripples to Planets	Public Lecture, Oakhill College, Castle Hill
16 June 2005	A.R. Hamilton	Novel Quantum States in Bilayer Field Effect Transistors-Pseudospin Ferromagnetism and Excitonic Superfluid Condensates	School of Physics, Monash University, Melbourne
17 June 2005	A.R. Hamilton	Interference and Interaction in 2D Quantum Wells and 1D Quantum Wires	School of Physics, University of Melbourne, Melbourne
17 June 2005	J.W.V. Storey	Antarctic Astronomy	Physics Department, University of Lethbridge, Lethbridge, Canada
21 June 2005	M.G. Burton	Star Formation and Millimetre Wave Astronomy	North Sydney Amateur Astronomers, St Ignatius College
22 June 2005	J.W.V. Storey	The Antarctic Plateau: Colder, Higher, Drier!	Steward Observatory, Tucson, Arizona USA
22 June 2005	T. Wong	Millimeter-Wave Astronomy Down Under	Physics Department, Bucknell University, USA
23 June 2005	M. Cunningham, A. Woo, M.A. Stevens-Kalceff, and S. Hagon	Maximising Potential in the School of Physics	UNSW Faculty of Science Seminar
24 June 2005	J.W.V. Storey	Antarctic Astronomy	Australia Telescope National Facility, Epping, Australia
25 June 2005	M.G. Burton	Astronomy in Antarctica	ANARE Annual Dinner, NSW Branch, UTS Rowing Club
25 June 2005	T. Wong	Radio Continuum, CO, and Thermal Infrared Emission From Nearby Star-Forming Galaxies	Department of Astrophysics, University of Maryland, USA
27 June 2005	M.G. Burton	The Conjunction of Mercury, Venus and Saturn	UNSW School of Physics
27 June 2005	J.W.V. Storey	Antarctica – the Opportunity for Astronomy	School of Physics, Sydney University, Sydney, Australia
29 June 2005	A.R. Hamilton	Interference and Interaction in 2D Quantum Wells and 1D Quantum Wires	NTT Basic Research Laboratories, Japan

Date	Presenter	Title	Location
29 June 2005	T. Wong	Radio continuum, CO, and Thermal Infrared Emission from Nearby Star-Forming Galaxies	Institute of Physics I., University of Cologne, Germany
1 July 2005	A. Phillips	UNSW Automated Patrol Telescope	Coonabarabran Aero Club
4 July 2005	T. Hill	Examining the Evolutionary Sequence of Massive Star Formation	ASA
7 July 2005	O.P. Sushkov	Electronic structure of cuprate superconductors	Budker Institute of Nuclear Physics
11 July 2005	V. A. Dzuba	Accurate Calculations for Many-Electron Atoms and Search for Variation of Fundamental Constants	Dept of Physics, St. Petersburg Polytechnical University, Russia
12 July 2005	S. Longmore and C. Purcell	Star Lab Demonstration	Roseville Public School
18 July 2005	M. Owers	Environmental Properties of a Sample of Starburst Galaxies Selected From the 2dFGRS	University of British Columbia, Canada
25 July 2005	V. Flambaum	Variation of Fundamental Constants	University of Sydney
27 July 2005	J.W.V. Storey	The Stars of Antarctica	Scientia, University of NSW, Kensington, Australia
1 August 2005	A. Phillips	Four One Hour Lectures to Year 11-12 students	Siding Spring Astro Camp
4 August 2005	M.G. Burton	The Exploration of Saturn and Titan	Science in the City, The Australian Museum
12 August 2005	V. Flambaum	Variation of Fundamental Constants	Jefferson Laboratory, USA
16 August 2005	M.G. Burton	The Exploration of Saturn and Titan	Ravenswood School for Girls, Gordon (YoP visit)
16 August 2005	C. Purcell	Tidbinbilla Observations of NGC3576	NASA Tidbinbilla
17 August 2005	C. Purcell	Dissecting the Star-Forming Region NGC3576	AstroLunch, UNSW
18 August 2005	M.G. Burton	Black Holes	Methodist Ladies College, Burwood (YoP visit)
20 August 2005	W. Couch	ELTs: the Next Generation	Invited Lecture, Macquarie University Foundation of Astronomy School
2 September 2005	M.G. Burton	The Lives of Earth and Mars	JASON project teachers workshop, UNSW
3 September 2005	M.G. Burton	Courses and Careers in Physics and Astronomy	School of Physics, UNSW
7 September 2005	A. Weisse	Transport and Dynamical Correlations: Numerical Challenges in Solid State Physics	Dept of Physics, University Wuppertal, Germany
9 September 2005	M.G. Burton	The Earliest Stages of Massive Star Formation	CSIRO-ATNF, Epping, NSW
20 September 2005	M.G. Burton	Astronomy in Antarctica	Sydney University, Invited Undergraduate Lecture
23 September 2005	A.P. Micolich	Bilayer Quantum Hall Effect and Superconductivity in Metal-Mixed Ion-Implanted Plastic Films	Materials Science Institute, University of Oregon, USA
22 November 2005	M.A. Stevens-Kalceff, S. Hagon, M. Cunningham, and A. Woo	Achieving Maximum Potential in the School of Physics	UNSW Gender Equity Colloquium
26 September 2005	M.G. Burton	The Earliest Stages of Massive Star Formation	University of Sydney, School of Physics
27 September 2005	M. Kuchiev	Low-frequency properties of conductivity in Hot Plasma	Physics Department, Polytechnic University, St Petersburg, Russia

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29 September 2005	M.G. Burton	What Are Black Holes?	Siemens Science Experience, UNSW
30 September 2005	A.P. Micolich	Superconductivity in Metal-mixed Ion-Implanted Polymer Films	NTT Basic Research Laboratories, Japan
30 September 2005	A.P. Micolich	Fractal Conductance Fluctuations in Semiconductor Billiards	NTT Basic Research Laboratories, Japan
1 October 2005	A. Phillips	UNSW Automated Patrol Telescope	Siding Spring Charity Open Day
7 October 2005	H. Hora	Opening Lecture for Commemoration of 100th Birthday of Paul Görich	University of Jena, Germany
7 October 2005	R. Stening	The Fifth Miracle	UNSW Great Books Group
8 October 2005	R. Danneau	Ballistic Transport in 1D Hole Systems	Institute of Fundamental Sciences, Massey University, Palmerston North, New Zealand
11 October 2005	J.W.V. Storey	Dome C, Antarctica: the Best Observing Site on Earth	Amphithéâtre du LAM, Observatoire de Paris, Meudon, France
14 October 2005	V. Flambaum	New Nuclear Problems Which Arise from Search for Variation of Fundamental Constants	National Superconducting Cyclotron Laboratory, MSU, USA
17 October 2005	V. Flambaum	Variation of Fundamental Constants	Michigan State University, USA, JINA Seminar
25 October 2005	S. Longmore	Variation of Fundamental Constants	Eastern Suburbs Community College, UNSW
1 November 2005	S. Longmore	The Big Questions in Astronomy, The Fate of the Universe	Eastern Suburbs Community College, UNSW
1 November 2005	T. Wong	The Future of the Universe	Institute of Astronomy, University of Tokyo, Japan
2 November 2005	M.Y. Simmons	Dense Gas in Circumnuclear Rings with the ATCA	University of Melbourne
4 November 2005	T. Wong	Atomic Scale Device Fabrication in Silicon	Department of Astrophysics, Nagoya University, Japan
7 November 2005	M.G. Burton	Recent Progress on the Delta Quadrant Survey	Faculty of Science Alumni Event, UNSW
8 November 2005	M.G. Burton	Venus and Mars	Eastern Suburbs Community College, UNSW
9 November 2005	V. Flambaum	The Search for Life Elsewhere	High Energy Physics Div Seminar, Argonne National Lab, USA
18 November 2005	M. Whiting	Variation of Fundamental Constants	Eastern Suburbs Community College, UNSW
22 November 2005	V. Flambaum	What are Black Holes?	University of Chicago, USA
23 November 2005	M.Y. Simmons	Variation of Fundamental Constants	UNSW, Science Lecture Theatre
25 November 2005	M. Hidas	ARC Information Session	Eastern Suburbs Community College, UNSW
30 November 2005	S. Longmore	The Search for Exo-Planets	MM Science Workshop, UNSW Outreach
6 December 2005	M.C.B. Ashley	Recent ATCA 12 mm Results	Comberton Village College, Cambridge, UK
9 December 2005	V. Flambaum	Astronomy in Antarctica	Argonne National Laboratory, USA
14 December 2005	M.C.B. Ashley	P and T Violation in Atoms and Nuclei	Institute of Astronomy, University of Cambridge, UK
14 December 2005	M.G. Burton	Antarctica: the Opportunities for Outperforming ELTs at Lower Cost and Lower Risk	AstroLunch, UNSW
15 December 2005	G.P. Box	Infrared Polarization of Orion	Center for Atmospheric Sciences, Hampton University, Virginia, USA
15 December 2005	M.A. Box	Seasonal Cycles in Aerosol Optical Properties in Two Australian Cities	National Institute of Aerospace, Hampton, Virginia, USA
15 December 2005	M.A. Box	Application of Radiative Perturbation Theory to MISR Aerosol Retrievals	