

Postgraduate Students 2007

Marc Ahrens

Supervisors: A/Prof A. Hamilton; Dr A. Greentree
Investigations of Coherent Effects in Qubits Using High-Frequency and Fast Pulse Electronics

Sabah Al Khazaaly

Supervisors: Dr M. Beilby; Dr J. Smith
Biophysics

Christopher Angstmann

Supervisors: A/Prof G. Morriss; Prof P. Curmi
Dynamical Systems, Application to the Lorentz Gas

Matthew Bainbridge

Supervisors: Prof J. Webb; Dr W. Walsh
Observational Cosmology

Tui Britton

Supervisors: Prof J. Storey; A/Prof M. Ashley
Astronomy

Huw Campbell

Supervisors: Prof M. Simmons; Dr F. Ruess
Atomistic Modelling of Nanoscale Devices in Silicon

Jason Chen

Supervisors: Dr A. Micolich; A/Prof A. Hamilton
Experimental Condensed Matter Physics

Jer Ming Chen

Supervisors: Prof J. Wolfe; Dr J. Smith
Acoustics of the Vocal Tract

Rajan Chhetri

Supervisors: Dr W. Walsh; Prof J. Webb
Astrophysics, Cosmology

Jessie Christiansen

Supervisors: A/Prof M. Ashley; Prof J. Storey
Extra Solar Planets from Antarctica

Tony Chung

Supervisors: A/Prof G. Morriss; Prof P. Curmi
Statistical Physics

Alexander Collins

Supervisors: A/Prof C. Hamer; Prof O. Sushkov
Quantum Lattice Models in Condensed Matter Physics

Nadia Court

Supervisors: Prof R. Clark; Dr D. Reilly
Readout and Control for a Silicon Quantum Computer

Paul Dickens

Supervisors: Prof J. Wolfe; Dr J. Smith
Flute Acoustics

Hanh Dinh Thi

Supervisor: Prof V. Flambaum
Theoretical Physics

Chas Egan

Supervisors: Prof J. Webb; Dr C. Lineweaver
Astrophysics

Martin Fuechsle

Supervisors: Prof M. Simmons; Dr T. Reusch
Precisely Engineered Single Electron Transistors by Scanning Probe Microscopy.
Experimental Condensed Matter Physics

George Georgevits

Supervisors: A/Prof M. Ashley; Prof J. Storey
Astrophysics

Taleb Hallal

Supervisor: Dr G. Box
Atmospheric Physics

Duane Hamacher

Supervisors: Prof J. Webb; A/Prof M Ashley
Extrasolar Planets

Shane Hengst

Supervisor: Prof J. Storey; Dr S. Hall
Astronomical Site-testing Instrumentation for Antarctica

Lap-Hang Ho

Supervisors: Dr A. Micolich; A/Prof A. Hamilton
Semiconductor Quantum Structures

Suhrawardi Ilyas

Supervisor: Prof M. Gal
Optical Spectroscopy

Balthasar Indermuehle

Supervisors: A/Prof M. Burton; Prof J. Storey
Astrophysics

Julian King

Supervisors: Prof J. Webb; Prof V. Flambaum
Cosmology with Quasars

Oleh Klochan

Supervisors: Dr A. Micolich; A/Prof A. Hamilton
The Study of Many Body Interactions Effects in Coupled Low Dimensional GaAs
Devices

Yakov Kulik

Supervisor: Prof J. Wolfe
Acoustics of Woodwind Instruments - Evolution in Design, Sound and Performance

Katie Levick

Supervisor: Dr M. Stevens-Kalceff
Nano-characterisation of II-VI Semiconductor Quantum Nanocrystals Produced
Using Plant Cell Cultures

Nadia Lo

Supervisors: A/Prof M. Burton; Dr M. Cunningham
The Role of Turbulence in Star Formation

Steven Longmore

Supervisors: Prof J. Storey; A/Prof M. Burton
Star Formation

Sarah McKibbin

Supervisors: Prof M. Simmons; Dr Andreas Fuhrer
Towards 3D integration of silicon nanoelectronics patterned by scanning probe
microscopy

John McLennan

Supervisors: Prof J. Wolfe; Dr J. Smith
Acoustics and Mechanics of Violins and Components of Violins

Andrew Mynott

Supervisors: Prof P. Curmi; Dr L. Brown
The Relationship Between Starformation and Turbulence in Molecular Clouds

Matthew Owers

Supervisors: Prof W. Couch; Dr P. Nulson
Galaxy Evolution Studies with a Particular Emphasis on Evolution in Clustered Environments

Wilson Pok

Supervisor: Prof M. Simmons
Making Atomic Scale Devices in Silicon Using Scanning Probe Microscopy and Molecular Beam Epitaxy

Craig Polley

Supervisors: Prof M. Simmons; Dr Andreas Fuhrer
Atomically Precise Transistors in Silicon

Majed Radhi

Supervisors: A/Prof M. Box; Dr G. Box
Atmospheric Aerosol Optical Effects

Dean Robinson

Supervisors: A/Prof G. Morriss; Dr M. Kuchiev
Dynamical Systems Theory

Martin Saul

Supervisors: Dr W. Walsh; Prof J. Storey
Antarctic Astronomy and Radioastronomy Techniques and Applications to Galactic Structure

Andrew See

Supervisors: Dr A. Micolich; A/Prof A. Hamilton
Experimental Semiconductor Physics

Barry Shin

Supervisors: A/Prof M. Box; Dr G. Box
Atmospheric Physics

Barbara Singh

Supervisor: A/Prof M. Box

Atmospheric Modelling and Photochemical Smog

Patricia Sparks

Supervisors: Dr M. Cunningham; A/Prof M. Burton

Molecules in External Galaxies

Daniel Thompson

Supervisors: Prof M. Simmons; A/Prof A. Hamilton

Atomic-scale Device Fabrication

Kimberley Vincent

Supervisors: Prof P. Curmi; Dr M. Jormakkka

Protein Structure

Thomas Young

Supervisors: Prof J. Webb; Prof M. Ashley

Extra-solar Planets