

Postgraduate Students

Marc Ahrens

Supervisors: Prof R. Clark
Investigations of Coherent Effects in Qubits
Using High-Frequency and Fast Pulse
Electronics

Christopher Angstmann

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

Elizabeth Angstmann

Supervisor: Prof V. Flambaum
Variation of Fundamental Constants

Yael Augarten

Supervisor: Prof M. Gal
Optical Spectroscopy of Solids

Julian Berengut

Supervisor: Prof V. Flambaum
Isotope Shift in Atomic Spectra

Zahra Bouya

Supervisors: Dr G. Box; A/Prof M. Box
Atmospheric Aerosols and Effects in Sydney
and Darwin

Paolo Calisse

Supervisor: Prof J. Storey
Antarctic Site Testing for Astronomy

Jessie Christiansen

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

Warrick Clarke

Supervisor: A/Prof A. Hamilton, Prof M.
Simmons
Experimental Condensed Matter 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

Neil Crighton

Supervisor: Prof J. Webb
Observational and Theoretical Cosmology

Steven Crothers

Supervisors: Prof J. Webb; A/Prof M. Ashley
Extra-solar Planets: Optimal Photometry
Methods

Aliz Derekas

Supervisor: A/Prof M. Ashley
Astrophysics

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

George Georgevits

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

Kuan Goh

Supervisors: Prof M. Simmons; Dr L. Oberbeck
Encapsulation and Electrical Isolation of
Phosphorous Qubits in Silicon

Daniel Grether

Supervisors: Dr C. Lineweaver; A/Prof M.
Ashley
Celestial Mechanics, Exoplanets, Statistical
Analysis

Taleb Hallal

Supervisor: Dr G. Box
Atmospheric Aerosol Chemistry

Toby Hallam

Supervisors: Prof M. Simmons
Hydrogen Lithography as a Tool to Realising
Atomic Scale Devices

Marton Hidas

Supervisor: Prof J. Webb
Observational Astrophysics

Tracey Hill

Supervisors: A/Prof M. Burton; Dr M.
Cunningham
Massive Star Formation

Lap-Hang Ho
Supervisors: Dr A. Micolich; A/Prof A. Hamilton
Semiconductor Quantum Structures

Suhrawardi Ilyas
Supervisor: Prof M. Gal
Optical Spectroscopy

Suzanne Kenyon
Supervisors: Prof J. Storey/ A/Prof M. Ashley
Instrumentation for Antarctic Astronomy

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

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

Dene Littler
Supervisors: Dr S. Breit; A/Prof P. Curmi
Structure of CLIC Proteins

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

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

Andreas Luescher
Supervisor: Prof O. Sushkov
Condensed Matter Physics - Strongly
Correlated Electrons

Dane McCamey
Supervisor: A/Prof A. Hamilton
Quantum Computing: Studies of Silicon
Interfaces, Charge States and Spin Properties

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

Maya Melamed
Supervisors: A/Prof M. Box; Dr G. Box
Aerosol Properties

Timur Mukhamedjanov
Supervisor: Prof O. Sushkov
Strongly Correlated Electrons

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

Yi Tung Ooi
Supervisors: A/Prof M. Ashley; A/Prof M.
Burton
Observational and Instrumental Astronomy

Matthew Owers
Supervisors: Prof W. Couch; Dr P. Nulsen
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

Michael Pracy
Supervisor: Prof W. Couch
Evolutionary Studies in Clusters of Galaxies

Cormac Purcell
Supervisor: A/Prof M. Burton
Massive Star Formation

Qiao Qiu
Supervisor: Dr M. Read
Theoretical Physics

Majed Radhi
Supervisors: A/Prof M. Box; Dr G. Box
Atmospheric Aerosol Optical and Chemical
Properties

Frank Ruess
Supervisor: Prof M. Simmons
Towards the Realisation of a Silicon Based
Quantum Computer

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

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

Barbara Singh
Supervisor: A/Prof M. Box
Atmospheric Modelling and Photochemical
Smog

Clare Sloggett
Supervisor: Prof O. Sushkov
Lattice Gauge Theory

Philip Smith
Supervisors: A/Prof P. Curmi; Dr L. Brown
Biophysics

Patricia Sparks
Supervisors: Dr M. Cunningham; A/Prof M.
Burton
Molecules in External Galaxies

Paul ten Boom
Supervisor: Prof J. Webb
Cosmology

Philip Thomson
Supervisor: Dr J. Dunlop
Acoustic Measurements in Marine Sediments

Hiroyuki Toyozumi
Supervisor: A/Prof M. Ashley
Computational Astronomy

Alexander Von Brasch
Supervisor: Prof J. Oitmaa
Condensed Matter Theory

Rena Widita
Supervisors: Dr L. Holloway; A/Prof R. Stening
Radiotherapy Planning