

Appendix – Grants and Contracts

Asian Office of Aerospace Research and Development

Dr M. Sellars
Investigation of Decoherence Control on a Solid State Qubit
2006 \$ 45740

AusIndustry

Innovation Access Program

Professor J.S. Williams
Establishment of the Australian Materials Technology Network
2003 – 2006 \$2,683,520

Auspace Ltd

Dr C. Charles
Magnetically Steerable Helicon Double Layer Plasma Thruster ("HDLT")
2006 - 2007 \$ 229,091

Australian Nuclear Science & Technology Organisation

Access to Major Research Facilities Program

Ms R. Giulian, Dr P. Kluth and Mr B. Johannessen
Metallic Nanocrystals Manipulated by Ion Irradiation: A Structural Study using EXAFS
2006 \$ 6,530

Dr P. Kluth and Mr B. Johannessen
*Vibrational Properties of Crystalline and Amorphous Metallic NCs Studied using Temperature
Dependant EXAFS*
2006 \$ 4,280

Dr G.J. Lane, Professor G.D. Dracoulis and Mr R. Hughes
*Limits of K-Isomerism and Astrophysical Processes in Neutron-Rich Tungsten, Rhenium
& Nuclei*
2006 \$ 12,000

Mr D. Sprouster and Dr L. Araujo
Study of Vibrational Properties of Ge Nano Crystals using EXAFS
2006 \$ 4,280

Dr A. Wilson and Mr P.M. Davidson
Search for Magnetic Rotation and Superdeformation in 200Po
2005 – 2006 \$ 12,000

Dr M. Ridgway <i>Amorphisation of Semiconductors by Swift Heavy-ion Irradiation</i> 2006	\$ 6,680
Dr M. Ridgway <i>Structure of the Amorphous Phase Formed by Swift Heavy-ion Irradiation of Compound Semiconductors</i> 2006	\$ 450
Dr J. Sullivan and Professor P. Hammond <i>Lifetime-resolved Fluorescence Spectroscopy of Inner-shell Excitation Decay Processes</i> 2006	\$ 5,100

Australian Synchrotron Research Program – ANSTO Travel Grants

Dr P. Kluth, Ms R. Guilian and Mr D. Sprouster <i>XAFS Measurements of the Local Atomic Structure of Metallic Nanocrystals: Formation and Swift Heavy Ion Irradiation</i> 2006	\$ 6,530
Dr P. Kluth, Ms R. Guilian, Mr D. Sprouster and Dr M.C. Ridgway <i>SAXS Analysis of Aligned Metal Nanorods Generated by Ion Implantation and Swift Heavy Ion Irradiation</i> 2006	\$ 9,540
Dr M. Ridgway, Mr Z. Hussain and Ms C. Schnohr <i>Amorphisation of Semiconductors by Swift Heavy-ion Irradiation</i> 2006	\$ 6,680
Mr D. Sprouster and Dr L. Araujo <i>Study of Vibrational Properties of Ge Nanocrystals using EXAFS. Part II</i> 2006	\$ 4,280

Australian Research Council (ARC) Grants and Awards

ARC Centres of Excellence Grants

Dr K.G.H. Baldwin and Dr A.G. Truscott / Professor Y. Kivshar <i>Australian Centre for Quantum-Atom-Optics (ACQAO)</i> 2003 – 2007 (ANU Total)	(\$10,950,000)
<i>RSPSE Projects: Metastable BEC / Optical Lattices</i> 2003 – 2007 (RSPSE Share)	\$3,649,000
Professor S.J. Buckman, Dr J.P. Sullivan, et al <i>ARC Centre of Excellence in Antimatter-Matter Studies (CAMS)</i> 2005 – 2009	\$7,000,000
University of Sydney Professor Y.S. Kivshar, Dr W. Krolikowski and Professor B. Luther-Davies (ANU Participants) <i>Centre for Ultrahighband Devices for Optical Systems (CUDOS)</i> 2003 – 2007 (Total)	(\$11,513,850)
2003 – 2007 (RSPSE Share)	\$2,967,000

University of Queensland
Dr Y. Chen (ANU Participant)
Australian Centre for Functional Nanomaterials
2003 - 2007 (Total) (\$6,380,544)
2003 - 2007 (RSPSE Share) \$ 452,256

ARC Discovery Project Grants

Professor N.N. Akhmediev
Bifurcations of Dissipative Solitons
2006 - 2008 \$ 310,000

Dr T. Aste and Dr T.J. Senden
Granular Materials in 3D: Structural, Mechanical and Dynamic Properties from the Grain-scale and Beyond
2004 - 2006 \$ 294,000

Dr K.G.H. Baldwin, Professor B.J. Orr and Professor E.E. Eyler
Precision Laser Spectroscopy of Highly Excited Atoms and Molecules
2006 - 2008 \$ 225,000

Professor V. Bazhanov, Professor M.T. Batchelor, Professor M. Gould and Dr J. Links
The Mathematical Analysis of Ultracold Quantum Gases
2006 - 2008 \$ 501,000

Dr B.D. Blackwell and Dr M. Hegland
High-performance Computational Data-mining Techniques for Feature Detection in Complex Time Series from Large-scale, Networked Plasma Experiments
2004 - 2006 \$ 195,000

Professor R.W. Boswell and Dr C. Charles
Development of New Membrane-electrode Assemblies for Low Temperature Fuel Cells
2005 - 2007 \$ 898,000

Professor P.G. Bouwknegt and Dr M. Varghese
Global Aspects of Dualities in String Theory in the Presence of Background Fluxes
2004 - 2006 \$ 129,000

Professor S.J. Buckman, Dr J.P. Sullivan, Dr J. Lower and Dr P. Burrow
Electron Interactions with Biomolecules
2006 - 2008 \$ 310,000

Dr Y. Chen and Professor L.T. Chadderton
Formation Mechanism and Controlled Growth of Carbon Nanotubes
2004 - 2006 \$ 260,000

Dr M. Dasgupta, Professor D. Hinde, Dr J. Liang and Professor K.H. Schmidt
Reaching the Superheavy Elements: A New Approach to Investigate Superheavy Element Formation
2006 - 2008 \$ 390,000

Professor R.L. Dewar, Dr R. Ball and Dr J.S. Frederiksen

<i>Studies of Turbulence and Coherent Structures in Quasi Two-dimensional Plasmas and Fluids</i> 2003 – 2007	\$ 605,000
Professor R.L. Dewar and Dr S. Hudson <i>Existence and Stability of a Model for Three Dimensional Toroidal Plasma Equilibria</i> 2004 – 2006	\$ 255,000
Dr T. Di Matteo <i>Physics of Risk: New Tools to Survey the Australian Market and Beyond</i> 2005 – 2007	\$ 220,000
Professor G.D. Dracoulis, Professor A.P. Byrne, Dr T. Kibédi, Dr R.A. Bark, Professor P.M. Walker and Dr J. Gerl <i>Isomers as Probes of Nuclear Structure and Sources of Energetic Protons</i> 2003 – 2007	\$ 402,000
Professor G.D. Dracoulis, Dr G.J. Lane and Dr T. Kibédi <i>Characterising Nuclei Far from Stability with a Novel Recoil Spectrometer</i> 2004 – 2006	\$ 240,000
Dr S.T. Gibson <i>Imaging Chemical Reaction Dynamics from the Transition State to Reaction Products</i> 2006 – 2008	\$ 330,000
Dr S.T. Gibson and Professor B.R. Lewis <i>Reaction Transition States of Halide-cluster Complexes via Velocity-map Imaging of Photoelectrons</i> 2004 – 2006	\$ 300,000
Professor D.J. Hinde, Dr M. Dasgupta, Dr M. Freer, Professor J.A. Tostevin and Dr K. Hagino <i>Breakup and Fusion of Stable and Radioactive Nuclei</i> 2005 – 2007	\$ 600,000
Dr J. Howard and Dr M. Persson <i>Development of Microwave Tomography Techniques and Inverse Methods for Biomedical Imaging</i> 2006 – 2008	\$ 370,000
Professor S.T. Hyde, Associate Professor H. Hasegawa and Professor N. Hadjichristidis <i>Self-assembled Polyphiles: Molecular Nanopattern</i> 2006 – 2008	\$ 400,000
Professor C. Jagadish <i>Fabrication and Monolithic Integration of II-V Semiconductor Photonic Devices using Impurity Free Interdiffusion</i> 2003 – 2006	\$ 510,000
Professor C. Jagadish and Dr H.H. Tan <i>Selective Area Growth of Semiconductor Quantum Dots for Optoelectronic Applications</i> 2004 – 2006	\$ 260,000

Dr A.S. Kheifets and Dr J. Ullrich <i>Two Electron Atomic Photo Ionization in Super Strong Electromagnetic Field</i> 2004 – 2006	\$ 225,000
Professor Yu.S. Kivshar <i>Left-handed Metamaterials and Negative Refraction</i> 2005 – 2009	\$1,036,308
Professor M.A. Knackstedt, Professor E. Seeman, Dr A.P. Roberts and Dr C.H. Arns <i>Assessing Bone Quality and Health: Experimental Imaging, Structural Characterisation, and Mechanical Modelling of Bone in 3D</i> 2004 – 2006	\$ 425,000
Professor W. Krolikowski and Dr O. Bang <i>Solitons and Localized Structures in Nonlocal Nonlinear Media</i> 2004 – 2007	\$ 255,000
Professor W. Krolikowski, Dr A.V. Rode and Professor E.G. Gamaly <i>Ultra-high Density Permanent and/or Erasable Optical Memory in Photorefractive Media Formed by Ultrafast Laser Pulses</i> 2006 – 2010	\$ 695,000
Professor B.R. Lewis and Dr W. Ubachs <i>Quantum Mechanics and Planetary Atmospheres</i> 2005 – 2007	\$ 300,000
Professor J.D. Love <i>Miniaturised Adiabatic Light Processing Devices</i> 2004 – 2006	\$ 220,000
Dr J. Lower and Professor E. Weigold <i>Dynamic Correlations and Coherence Effects in Two-electron Emission Processes</i> 2003 – 2006	\$ 380,000
Professor B. Luther-Davies and Dr R. Jarvis <i>Integrated Magneto-optic Waveguide Materials and Devices</i> 2004 – 2007	\$ 400,000
Dr F.P. Mills <i>Photochemistry of the Middle Atmospheres of Venus and the Earth</i> 2005 – 2007	\$ 260,000
Dr C.R. Morton <i>Development of Advanced Detection Systems for Accelerator Mass Spectrometry</i> 2004 – 2006	\$ 200,000
Dr M.C. Ridgway <i>Amorphisation of Semiconductor and Elemental Metallic Nanocrystals by Ion Irradiation</i> 2005 – 2007	\$ 367,000

Dr M.C. Ridgway, Professor A.P. Byrne and Professor W. Wesch <i>Amorphous-Phase Formation and Structure in Semiconductor Substrates following Swift Heavy-Ion Irradiation</i> 2006 - 2008	\$ 400,000
Dr A. Rode, Dr A. Christy and Professor B. Luther-Davies <i>Nanoclusters with Extraordinary Properties Made out of Ordinary Materials</i> 2005 - 2007	\$ 362,500
Dr A. Samoc and Dr M. Samoc <i>Polymer Optical Fibres with Controlled Molecular Orientation for Photonic Applications</i> 2005 - 2007	\$ 388,000
Dr M. Sellars <i>Development of a Quantum Computer Based on Solid State Optical Impurity Sites</i> 2003 - 2005	\$ 130,000
Dr M. Sellars and Dr J. Longdell <i>Solid State Optical Quantum Information Technology</i> 2006 - 2008	\$ 540,000
Dr A. Sheppard and Professor W.V. Pinczewski <i>A Dynamic Pore-network Model for Fluid Displacements in Porous Media</i> 2005 - 2007	\$ 268,000
Dr A. Sheppard, Dr V. Robins and Professor K. Mecke <i>3D Image Segmentation and Shape Characterization Driven by Topological Persistence</i> 2006 - 2008	\$ 310,000
Dr H.H. Tan <i>Photonic Crystal Enhanced Wavelength Selective, Multi-colour Quantum Dot Infrared Photodetectors</i> 2006 - 2008	\$ 388,000
Dr S.G. Tims, Professor L.K. Fifield, Dr G.J. Hancock, Dr R. Bartley and Dr P. Wallbrink <i>Plutonium: A New Tracer of Sediment Transport into the Great Barrier Reef Lagoon</i> 2005 - 2007	\$ 150,000
Dr M. Vos and Dr C. Chatzidimitriou-Dreismann <i>Quantum Entanglement of Protons</i> 2005 - 2007	\$ 280,000
Dr M. Vos, Professor A.S. Kheifets and Dr F. Arzasetiawan <i>Many-electron Dynamics and Electronic Structure of Materials Studies by Electron Momentum Spectroscopy</i> 2006 - 2009	\$ 335,000
Dr D.R. Williams, Dr E.M. Sevick and Professor B.W. Ninham <i>Salt, Sugar and Sequence: The Effect of Molecular Forces on Polymer Conformation</i> 2004 - 2006	\$ 480,000

Professor D.R. Williams and Professor T. Odijk <i>Macromolecular Condensates: From Globules to Toroids and Beyond</i> 2006 - 2008	\$ 270,000
Professor J.S. Williams and Dr M.V. Swain <i>Nanoindentation-induced Phase Transformations and Physical Property Changes in Semiconductors</i> 2004 - 2008	\$ 294,000
Professor J.S. Williams, Dr J.C. McCallum, Dr J.Y. Wong-Leung, Dr P.J. Simpson and Dr H.L. Gossmann <i>Fundamental Implantation, Epitaxy and Defect Studies in Silicon to Support Ultra-shallow Junction Formation</i> 2006 - 2008	\$ 434,000
Dr A.N. Wilson <i>Superdeformed Nuclei and their Decay: Challenging Nuclear Models and Probing Quantum Tunnelling</i> 2004 - 2006	\$ 140,000
Dr A. Sakellariou and Professor C.D. McFarland <i>Growth of Bioartificial Tissue Containing an Inbuilt Blood Supply</i> 2005 - 2007 (ANU share) University of New South Wales	\$ 42,000 Total grant (\$288,000)

ARC Discovery Project Grants and Australian Postdoctoral Fellowships

Dr C. Arns and P. Callaghan <i>Transport Properties from Nuclear Magnetic Resonance</i> 2005 - 2007	\$ 297,022
Dr T.T. Barrows <i>Cosmogenic Isotopes in Glacial Landscapes: Production Rates and Climate Change</i> 2005 - 2007	\$ 290,000
Dr S.M. Bellm <i>Probing Electron Dynamics in the Molecular Frame</i> 2006 - 2008	\$ 249,000
Professor R.W. Boswell and Dr W. Li (APD Fellowship) <i>Preparation of Silica-based Thin Materials with Large Optical Nonlinearity</i> 2005 - 2007	\$ 315,000
Dr Y. Chen and Ms Y.J. Chen (APD Fellowship) <i>Boron Nitride Nanotube Synthesis and Applications</i> 2004 - 2006	\$ 310,000
Dr Q. Gao <i>Bandgap Engineering of Novel (In, Ga) SbN Epitaxial Semiconductors for High Performance Long Wavelength Optoelectronic Devices</i> 2006 - 2008	\$ 330,000

Dr P. Kluth <i>Structural Characterisation of Ion Beam Synthesized Metallic Nanocrystals using Advanced Synchrotron Based Analytical Techniques</i> 2005 – 2008	\$ 248,000
Dr M.M. Kohonen <i>Wet Granular Materials: A Three-dimensional Study Using X-ray Microtomography</i> 2005 – 2007	\$ 280,000
Dr Q. Li <i>Carrier Dynamics in III-V Semiconductor Quantum Dots and Nanostructures</i> 2006 - 2008	\$ 310,000
ARC Discovery Project Grant and Australian Professorial Fellowship Professor M.T. Batchelor <i>The Mathematics and Physics of Interacting Systems</i> 2003 – 2007	\$1,011,300
ARC Discovery Project Grants and Australian Research Fellowships Dr V. Craig <i>Surface Adsorption, Repulsion and Attraction: A New Experimental Approach to Surface Forces</i> 2002 – 2006	\$ 573,782
Dr L. Fu (Research Fellowship) and Dr M.B. Johnston <i>Development of High Performance III-V Semiconductor Photoconductive Antennas for Terahertz Applications</i> 2006 - 2008	\$ 480,269
Dr G.J. Lane <i>Structure of Exotic Neutron-rich Nuclei Populated Using Novel Reaction Mechanisms</i> 2003 – 2007	\$ 566,605
Dr D. Neshev (Research Fellowship) and Dr A. Sukhorukov <i>Light Control in Nonlinear Periodic Structures</i> 2004 – 2009	\$ 755,000
Dr T.J. Senden <i>Dynamic Force Microscopy of Small Molecular Assemblies</i> 2002 – 2006	\$ 391,782
Dr J.P. Sullivan <i>Experiments with Antimatter: Investigating Positron Interactions with Atoms, Molecules and Materials</i> 2004 – 2008	\$ 500,000
Dr A.G. Truscott (Research Fellowship) and Dr J.J. Hope <i>How Does a Bose Einstein Condensate Develop Phase?</i> 2003 – 2007	\$1,056,605

ARC Discovery Project Grants and QEII Fellowships

Professor S.T. Hyde, Dr T. Aste and Dr T. Di Matteo (QEII Fellowship)
The Architecture of Networks: Characterisation and Visualisation of Complex Systems as Fluctuating Networks
2003 – 2007 \$ 687,275

Dr J. Wong-Leung (QEII Fellowship) and Professor B.G. Svensson
Ion Implantation Processing in Silicon Carbide for Microelectronic Applications
2002 – 2006 \$ 619,411

ARC Federation Fellowship

Professor S. Hyde
Self-assembly and Complexity: Networks and Patterns from Materials to Markets
2004 – 2009 \$1,519,710

Professor C. Jagadish
Ordered Semiconductor Nanostructures for Electronics and Photonics Applications
2004 – 2009 \$1,519,710

Professor Y. Kivshar
Nonlinear Photonics and All-optical Technologies
October 2002 – November 2007 \$1,448,515

Professor B. Luther-Davies
Creation of a Novel Photonic and Nanostructured Materials by Ablation of Solids with Ultra Fast Lasers
2002 – 2007 \$1,481,765

ARC Linkage Infrastructure Equipment and Facilities

Dr T.J. Senden, Professor M.A. Knackstedt, Professor W.V. Pinczewski, Professor S.T. Hyde, Dr A.S. Sakellariou, Dr A.P. Sheppard, Dr V. Robins, Dr C.H. Arns, Dr T. Aste, Dr R.M. Sok, Dr A. Limaye and Dr Y. Cinar
An Advanced Computed Tomography Facility - High Capacity and High Resolution for Dynamic Studies in Porous and Granular Materials
2006 \$ 240,000

Professor C. Jagadish et al.
National Nanolithography Facility
2006 \$1,000,000

ARC Linkage International Award

Professor M.T. Batchelor, Dr A. Kuniba and Dr M. Takahashi
Physical Properties of Exactly Solved Quantum Spin Systems
2004 – 2007 \$ 56,000

Dr A.S. Kheifets and Dr J. Ullrich
Multiple Atomic Photoionisation in Superstrong Electromagnetic Field
2004 – 2007 \$ 13,800

Dr J. P. Sullivan, Professor S.J. Buckman et al.
Jointly with Flinders University
Positron Processes – From Basic to Applied Science
2005 – 2007 \$ 26,000

ARC Linkage International Fellowship

Professor S.J. Buckman, Dr J.C. Lower and Dr K. Zrost
Ionization and Excitation of Excited Helium Atoms
2006 \$ 83,000

Dr D.N. Neshev, Professor Y.S. Kivshar and Professor Dr A.A. Dreischuh
Singular Optics of Polychromatic Light
2006 \$ 51,000

ARC Linkage Project Grants

Dr G.G. Borg, Professor J.H. Harris and Dr H.M Jones
VHF Wireless Technologies for Last-mile Internet Access in Regional Australia
2003 – 2006 \$ 138,198
Partner Contribution, NJH Consulting Pty Ltd \$ 15,000
Partner Contribution, Standard Communications Pty Ltd \$ 15,000

Professor R.W. Boswell
Development of Inert Gas Ion Beams for Fabrication of Nanostructures
2003 – 2006 \$ 300,000
Partner Contribution, FEI Corp, USA
2003 – 2006 \$ 220,000

Professor R.G. Elliman, Dr S. Johnson and Dr S. Cunningham
Implant Isolation of III-V Compound Semiconductor Devices and Structures
2005 – 2007 \$ 210,000
Partner Contribution, EpiTactix Pty Ltd \$ 50,000

Professor B. Luther-Davies, Dr R. Charters and Dr D. Kukulj
Advanced Siloxane Waveguide Devices for Telecommunications
2005 – 2008 \$ 350,000
Partner Contribution, RPO Pty Ltd
2005 – 2008 \$ 86,500

Professor B. Luther-Davies and Dr V. Kolev
A Laser Guide Star using a High Power Synchronously Pumped Optical Parametric Oscillators
2004 – 2006 \$ 330,000
Partner Contribution, Electro-Optic Systems Pty Ltd \$ 153,000

Dr A.V. Rode, Dr K. Baldwin et al
Short Pulse Laser Cleaning for Australian Heritage Conservation
2006 – 2008 \$ 165,950
Partner Contribution, Commonwealth Department of Defence, Army History Unit \$ 6,000
Partner Contribution, Art Gallery of NSW \$ 6,000
Partner Contribution, Australian War Memorial \$ 22,500

Professor J.S. Williams
Towards a High Density Silicon Phase Change Memory Device
 2004 – 2007 \$ 665,629
 Partner Contribution, WRiota Pty Ltd \$ 626,076

ARC Postdoctoral Fellowship

Dr T. Alexander
Matter-wave Vortices in Engineered Nanostructures
 2006 – 2008 \$ 223,020

ARC QEII Research Fellowship

Dr H.H. Tan
Growth, Characterisation and Fabrication of GalnNAs Lasers
 May 2001 – May 2006 \$ 357,590

ARC Research Network

Dr R.L. Dewar (Convenor), Dr T. Aste, Professor S.T. Hyde, Dr A. Sakellariou et al
Complex Open Systems Network (COSNet)
 2004 – 2009 \$1,500,000

Professor C. Jagadish et al.
Australian Research Council Nanotechnology Network
 2004 – 2009 \$1,900,000

Professor J.S. Williams et al
Australian Research Network for Advanced Materials
 2004 – 2009 \$1,500,000

Dr C. Kepert (Convenor, University of Sydney), Dr T. Aste and 48 other scientists
Molecular and Materials Structure Network
 2004 – 2009 (\$1,500,000)
 2006 (RSPSE Share) \$ 30,000

Associate Professor C. McFarlane (Convenor, University of NSW), Professor M.A. Knackstedt
 and 48 other scientists
ARC Research Network for Tissue Engineering
 2004 – 2009 (\$1,500,000)

BlueScope Steel

Dr J. Howard
Research & Development of Coherence Pyrometry Technology within the Ironmaking Process
 2005 – 2006 \$ 15,000

Commonwealth Scientific Industrial Research Organisation

Professor R. Boswell and Dr A. Dicks
Development of Materials for Advanced Hydrogen Fuel Cells
 2006 – 2009 \$ 134,173

Department of Education, Science and Training

Australia-China Fund

Professor C. Jagadish, Dr H.H. Tan, Dr L. Fu and Dr Q. Gao
Optical Studies of Single Quantum Dots and Quantum Dot Molecules for Quantum Information Technology
2006 - 2009 \$149,600

International Sciences Linkage

Professor R.L. Dewar
OECD Global Science Forum Conference on Scientific Challenges for Energy Research
2006 \$ 1,180

Department of Industry, Tourism and Resources

CRC for Functional Communication Surfaces

Professor M.A. Knackstedt, Dr T. Senden, Dr V. Craig, Dr R. Roberts and Dr V. Yaminsky
Program 1: *Fundamental Surface Measurements and Liquid Penetration Sciences*
July 2001 – June 2008 \$2,864,000

Program 6: *Education, Scholarship*
July 2001 – June 2008 \$ 525,000

Defence Science and Technology Organisation

Professor C. Jagadish
Development of 1.55um Electroabsorption Modulators
2005 - 2006 \$ 45,000

Dr M. Sellars, Dr J. Longdell and Professor N. Manson
Solid State Quantum Computing
2006 \$ 99,000

Dr M. Sellars and Professor N. Manson
Quantum Computing Technology Development
2005 - 2006 \$ 25,000

Digital Core Laboratory Consortium

Professor M. A. Knackstet and Professor W.V. Pinczewski
Industrial Research Consortium Project with International Industry Partners:
ADCO, BakerHughes, BP, BHP, Chevron, ExxonMobil, Japan Oil & Gas, Maersk, Petronas, Saudi Aramco, Schlumberger, Shell, Total
2003 - 2006 \$ 955,000

European Projects

Dr P. Richmond (Chair), Dr T. Aste, Dr T. Di Matteo and more than 100 scientist from 20 European Countries
European Union COST – P10 "Physics of Risk"
2003 – 2007 (\$9,500,000)

European Space Research and Technology Centre

Dr O. Sutherland
Single Aperture Four Electrode (SAFE) Thruster
2005 - 2006 \$ 80,000

Japan Atomic Energy Agency

Dr J. Howard
Development of Fourier Spectrometers for JT-60U Thomson Scattering
2006 \$ 37,164

Major Equipment Committee, ANU

Dr S. Gibson
An Optical Parametric Oscillator Light Source for a World-Leading Electron Velocity-map Imaging Spectrometer
2006 \$ 156,000

Professor C. Jagadish
National Nanolithography Facility
2006 \$ 250,000

Dr T.J. Senden, Professor M.A. Knackstedt, Professor W.V. Pinczewski, Professor S.T. Hyde, Dr A.S. Sakellariou, Dr A.P. Sheppard, Dr V. Robins, Dr C.H. Arns, Dr T. Aste, Dr R.M. Sok, Dr A. Limaye and Dr Y. Cinar
An Advanced Computed Tomography Facility - High Capacity and High Resolution for Dynamic Studies in Porous and Granular Materials
2006 \$ 100,000

Professor J.S. Williams
High-Resolution Nanoindentation Analysis for Mechanical and Structural Deformation Studies
2006 \$ 87,000

National Plasma Fusion Research Facility

Professor J. Harris *et al*
National Plasma Fusion Research Facility
April 1997 - May 2005
June 2005 - June 2010 \$8,700,000

National Projects

Italian Ministry of Education Research and Technology Project
Dr R.N. Mantegna, Dr M. Marsili, Dr M. Bernaschi, Dr E. Scalas, Dr G.M. Gallo, Dr M. Gallegati, Dr V. Marinari, Dr G. Susinno, Dr T. Aste and Dr T. Di Matteo
High-frequency Dynamics of Financial Markets
2003 - 2006 (\$3,150,000)

RPO PTY Ltd

Professor B. Luther-Davies
Consultancy
2005 - 2008 \$ 35,000

Professor B. Luther-Davies
Services Contract
2005 - 2008 \$ 85,978

Sale of Equipment, Designed and Built In-house

Mr A. Hyde and A/Professor T. Senden
Water Plasma Cleaner Device - for Plasma Treatment and Cleaning of Surfaces
University of British Columbia, Vancouver, Canada
2006 \$ 22,600

University of New South Wales

Research Consortium

Professor M. Knackstedt and Professor W.V. Pinszewski
High Resolution X-ray CT Scanner
2005 - 2011 \$1,092,500

US Air Force

Dr M. Samoc
Two Photon Absorption Measurements: Establishing Reference Standards
2006 \$ 22,298