



DISCOVERY PROJECTS

Dr BT Kuhlmeij; Prof BJ Eggleton; Prof JC Knight
Ultra sensitivity through resonances in photonic
bandgap fibres

2008 : \$ 90,000
2009 : \$ 85,000
2010 : \$ 80,000

Dr AR Parker; Dr C Grillet

Optical biomimetics of diatoms

2008 : \$ 135,000
2009 : \$ 134,000
2010 : \$ 129,000

Prof. M Gu; Dr A Boussioustas; Dr H Xie
Functional nonlinear optical endoscopy - the third-
generation optical endoscopy technology toward
early cancer detection at a cellular level

2008: \$260,000
2009: \$200,000
2010: \$180,000

Dr AS Desyatnikov

Engineering phase and the flow of light in nanophot-
onics

2008: \$135,000
2009: \$114,000
2010: \$109,000
2011: \$100,000
2012: \$100,000

LINKAGE INTERNATIONAL FELLOWSHIP

Dr AS Desyatnikov; Prof YS Kivshar; Dr K Bliokh
Optical and matter-wave vortices in nonlinear and
inhomogeneous media

2008: \$100,643

LINKAGE INTERNATIONAL PROJECT

Prof M Gu; Dr G Zhou; Prof. T Wilson; Dr MJ Booth
Adaptive aberration compensation in high refractive
index materials for next-generation active microphot-
onic devices

2008: \$14,600
2009: \$11,400
2010: \$14,900

LINKAGE PROJECT

Prof. M Gu; Dr D Morrish; Mr K Poetter
Spectroscopy of complex and biological micro-ob-
jects for biosensing applications

2008: \$78,648

LINKAGE INFRASTRUCTURE, EQUIPMENT AND FACILITIES GRANTS

Prof MM Bilek; Dr CD Ling; Prof PR Munroe;
A/Prof MA Stevens Kalceff; Dr DP Riley; Dr AS
Holland; Prof JF Williams; Prof DR McKenzie; Dr
BJ Kennedy; Prof MJ Hoffman; Dr N Valanoor; Prof
DG McCulloch; Prof MA Green; Prof CJ Kepert;
Dr K Kalantar zadeh; Prof Dr T Maschmeyer; Dr GJ
Conibeer; Dr KA Gross; Prof RP Burford; A/Prof A
Mitchell; Prof MW Austin; Dr S Samarin
Comprehensive analysis facility for thin films and
surfaces

2008 : \$ 750,000

Dr JM Cairney; Prof SP Ringer; A/Prof FC Braet; A/
Prof M Ferry; Prof CC Sorrell; Prof L Ye; A/Prof AJ
Ruys; A/Prof GW Barton; Dr AT Harris; Dr G Ranzi;
Prof BJ Eggleton; Dr C Grillet; Prof DR McKenzie;
Prof PA Lay; A/Prof AF Masters; Dr AR Parker; Prof
RL Overall; Prof AS Weiss; Prof CR Murphy; Dr IM
Ramzan; Prof LJ Copeland; Prof DT Potts
High resolution field emission scanning electron
microscopy (FESEM) platform for characterisation at
the nanometre level

2008 : \$ 450,000

Prof C Jagadish; Dr HH Tan; Prof JS Williams; Prof
B LutherDavies; A/Prof T Senden; A/Prof VS Craig;
Prof RG Elliman; Dr YJ WongLeung; Dr L Fu; Dr
JE Bradby; Dr Q Gao; Dr Q Li; Dr A Ashrafi; Dr
HT Hattori; Prof L Faraone; A/Prof JM Dell; Dr G
Parish; Prof YS Kivshar; Dr DN Neshey; A/Prof Y
Chen; Dr AV Rode; Dr S Madden; Dr KJ Grant
Project Title: Micro and Nanostructure Optical Char-
acterisation Facility

2008: \$ 500,000