



# News

## Completed PhDs

### Australian National University

- Dr Geoffrey Adams, *Development of a simple hydrological modelling methodology for estimating phosphorus generation from rural land*, supervisor: Barry Croke.
- Dr Philip Brooker, *Asplund operators and the Szlenk index*, supervisor: Rick Loy.
- Dr Jiakun Liu, *Monge-Ampere type equations and optimal transportation*, supervisor: Xu-Jia Wang.
- Dr Andrew Morris, *Local Hardy spaces and quadratic estimates for Dirac type operators on Riemannian manifolds*, supervisor: Alan McIntosh.

### Monash University

- Dr Jules Kajtar, *Smooth lattice general relativity and SPH simulations of swimming linked bodies*, supervisors: Leo Brewin and Joseph Monaghan.
- Dr Douglas Stones, *On the number of Latin rectangles*, supervisor: Ian Wanless.
- Dr Chi Nguyen, *Inner-core vacillation cycles during the rapid intensification of Hurricane Katrina*, supervisor: Michael Reeder.
- Dr Diana Ionescu, *Seismic emissions from solar flares*, supervisors: Paul Cally and Alina Donea.
- Dr Mark Fisher, *The Einstein Yang–Mills equations: particle-like solutions for non-Abelian models*, supervisor: Robert Bartnik.

### University of Adelaide

- Dr Richard Green, *A Fourier–Mukai transform for invariant differential cohomology*, supervisors: Mathai Varghese and Michael Murray.
- Dr Samuel Cohen, *Problems in backward stochastic differential equations; with applications to nonlinear evaluations and risk measures*, supervisors: Robert Elliott and Charles Pearce.

### University of New England

- Dr Rui Peng, *Periodic-parabolic logistic equation with spatial and temporal degeneracies*, supervisor: Yihong Du

### University of New South Wales

- Dr Jan Baldeaux, *High order nets and sequences*, supervisor: Ian Sloan.
- Dr Gareth Peters, *Advances in approximate Bayesian computation and trans-dimensional sampling methodology*, supervisor: Scott Sisson.

**University of Queensland**

- Dr Daniel Pagendam, *Experimental design and inference for population models*, supervisor: Phil Pollett.

**University of South Australia**

- Dr Kathryn Ward, *Variability modelling of wind farm output*, supervisors: John Boland and Malgorzata Korolkiewicz.

**University of Sydney**

- Dr Neil Saunders, *Minimal faithful permutation representations of finite groups*, supervisor: David Easdown.
- Dr John Bourke, *Codescent objects in 2-dimensional universal algebra*, supervisors: David Easdown and Steve Lack (Macquarie University).

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**Awards and other achievements****Australian Academy of Science**

Congratulations to the following winners of 2011 awards made by the Australian Academy of Science! Citations can be found on the Academy's website at <http://www.science.org.au/awards/awardees/2011awards.html>.

- Dr Anthony Henderson, University of Sydney: inaugural Christopher Heyde Medal for research in pure mathematics.
- Professor Colin Rogers FAA, University of New South Wales: Hannan Medal for research in applied mathematics and computational mathematics.
- Dr Scott Sisson and Dr Mark Tanaka, University of New South Wales: Moran Medal for research in statistics.

**Monash University**

- Dr Daniel Delbourgo and Dr Antonio Lei were successful in attracting \$15 500 from the Monash–Warwick Strategic Funding Initiative for Joint Research and Education. The title of the joint project with Professor John Cremona is ‘Computations on supersingular elliptic curves’.

**Queensland University of Technology**

- The AF Pillow Applied Mathematics Trust PhD Top-Up Scholarship has been awarded to Mr Michael Dallaston.

### University of Melbourne

- James Caffrey was awarded the T.M. Cherry Prize for the best student talk at the ANZIAM 2011 conference held recently in Adelaide. The title of James' talk was 'A mathematical model for layer formation'.

### University of Newcastle

- The Anna Valicek Medal recognises original and innovative research in the application of operations research to airline and/or airline-related business problems. Dr Masoud Talebian at the University of Newcastle was a 2010 finalist and won the Bronze Medal.

### University of New South Wales

- Michelle Dunbar was presented with an Award for Excellence in Sessional Teaching in the '2010 Faculty of Science Staff Excellence Awards'.
- Frances Kuo was awarded the JH Michell Medal at ANZIAM 2011.
- Ian Renner (PhD student of David Warton) won the EJG Pitman Prize for best talk by a young statistician at the 2010 Australian Statistics Conference in Fremantle, for his talk 'Maxed out: Poisson point process models for species distribution modelling'.

### University of Queensland

- Dr Barbara Maenhaut was awarded a University of Queensland 'Promoting Women Fellowship' from February to June 2011 for the project 'Problems in combinatorial design theory and graph theory'.
- Professor Geoff McLachlan has been awarded the Pitman Medal by the Statistical Society of Australia 'in recognition of outstanding achievement in, and contribution to, the discipline of Statistics'.
- Trent Spears was awarded an AMSI Vacation Research Scholarship for a project titled 'Probability with martingales for economics and finance'.

### University of Sydney

- Samuel Butler was awarded the T.M. Cherry Prize for the best student talk at the ANZIAM 2011 conference held recently in Adelaide. The title of Samuel's talk was 'Solitons and the discrete Korteweg-de Vries equation'.

### University of Western Australia

- Cheryl Praeger received a 2010 BH Neumann Award from the Australian Mathematics Trust for important contributions over many years to the enrichment of mathematics learning in Australia and its region.
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## ARC grants

The following ARC grants have been communicated by local correspondents. See the ARC webpage (<http://www.arc.gov.au/applicants/fundingoutcomes.htm>) for a full list and further details.

### University of Ballarat

- Dr Alexander Kruger, Professor Dr Marco A. Lopez Cerda, Professor Michel A. Théra, Professor Jiri V. Outrata, ARC Discovery Grant, ‘Stationarity and regularity in variational analysis with applications to optimization’, 2011–2013, \$255 000.

### University of Melbourne

- Dr Timothy M. Garoni, ARC Future Fellowship, ‘Design, analysis and application of Monte Carlo methods in statistical mechanics’, 2010–2014, \$556 623.
- Associate Professor Tomasz Kowalski, ARC Future Fellowship, ‘Quasi-subtractive varieties: a unified framework for substructural, modal and quantum logic’, 2010–2014, \$650 082.
- Dr Jorgen Rasmussen, ARC Future Fellowship, ‘Representation theory of diagram algebras and logarithmic conformal field theory’, 2010–2014, \$682 909.
- Dr Craig Westerland, ARC Future Fellowship, ‘Topology through applications: geometry, number theory and physics’, 2010–2014, \$554 872.

### University of Queensland

- Dr Vivien J. Challis, APD at The University of Queensland, 2011–2013, as part of the project: ‘Porous beta-titanium bone implants optimised for strength and bio-compatibility: design and fabrication’, administering organisation: The University of Western Australia, \$330 000.
- Professor S. Ole Warnaar, ARC Professorial Fellowship, ‘The Mukhin–Varchenko and Rogers–Ramanujan conjectures’, 2011–2015, \$715 000.

### University of Wollongong

- Professor Raymond L. Chambers, ARC Discovery Grant, ‘A likelihood-based approach to combined surveys inference’, 2011–2013, \$255 000.
- Associate Professor David Pask, ARC Discovery Grant, ‘Higher dimensional methods for algebras and dynamical systems’, 2011–2013, \$300 000.
- Dr Aidan D. Sims, ARC Future Fellowship, ‘Operator algebras as models for dynamics and geometry’, 2010–2014, \$562 027.

### Monash University

- Dr Fabio A. Capitanio, Professor Louis N. Moresi, Professor Philip Allen, ARC Discovery Grant, ‘The link between the deep Earth and its dynamic surface’, 2011–2013, \$200 000.
- Professor Paul S. Cally, ARC Discovery Grant, ‘Seismology of solar and stellar magnetic activity’, 2011–2013, \$300 000.
- Associate Professor Graham E. Farr, Dr Daniel Delbourgo, Mrs Kerri J. Morgan, Professor Peter J. Cameron, Professor Bill Jackson, ARC Discovery Grant, ‘An algebraic renaissance for the chromatic polynomial’, 2011–2013, \$270 000. (Kerri Morgan as an ARC Australian Postdoctoral Fellow to be based in the school.)
- Mr Christoph Federrath, ARC Australian Postdoctoral Fellowship, ‘Modelling star formation and feedback in the interstellar medium’, 2011–2013, \$260 506.
- Dr Maria Lugaro, ARC Future Fellowship, ‘The origin of the elements heavier than iron’, 2010–2014, \$585 568.
- Dr Tianhai Tian, ARC Future Fellowship, ‘Stochastic modelling of genetic regulatory networks with burst process’, 2010–2014, \$688 630.

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### Appointments, departures and promotions

#### Australian Catholic University

- Associate Professor Bernice Sharp retired on 31 January 2011.

#### Charles Sturt University

- Dr Dmitry Demskoy has been appointed as Lecturer in Mathematics and Statistics at the Wagga campus.
- Dr Zhenquan Li has been appointed as Senior Lecturer in Mathematics and Statistics at the Albury campus.
- Dr Ken Russell has been appointed as Professor in Mathematical Science at the Wagga campus.

#### La Trobe University

- Professor Brian Davey has been appointed as Head of Department from 27 January 2011.
- Dr David Farchione has joined the department as Associate Lecturer in Statistics.

#### Monash University

- Dr Herbert Lau (Research Fellow) from Astrophysics has left.
- Dr Andrew Prentice (Reader), Dr Aidan Sudbury (Senior Lecturer) and Dr Eric Chu (Senior Lecturer) have left and have been appointed as Adjuncts.

- Dr Gilbert Weinstein has joined the university as Senior Lecturer in Pure Mathematics.
- Dr Greg Markowsky has joined the university as Lecturer in Statistics.
- Dr Danijel Belusic has joined the university as Lecturer in Atmospheric Science.
- Dr Daniel Horsley has joined the university as Lecturer in Pure Mathematics.
- Dr Lorenzo de la Fuente has joined the university as Research Fellow in Atmospheric Science.
- Dr Antonie Lei has joined the university as Research Fellow (Postdoc of Dr Daniel Delbourgo in Pure Mathematics).
- Dr Juan Galaviz has joined the university as Research Fellow (Postdoc of Dr Todd Oliynyk in Pure Mathematics).
- Dr Bupendra Raut has joined the university as Research Fellow (Postdoc of Professor Michael Reeder in Atmospheric Science).
- Dr Vickal Kumar has joined the university as Research Fellow (Postdoc of Prof Christian Jakob in Atmospheric Science).
- Dr Mark Fisher has joined the university as Research Fellow (Postdoc of Dr Todd Oliynyk in Pure Mathematics).
- Dr Gareth Berry has joined the university as Research Fellow (Postdoc of Prof Michael Reeder in Atmospheric Science).

### **Murdoch University**

- Professor Walter Bloom retired in January after 36 years at Murdoch. He was a foundation staff member and, most recently, Senior Academic in Mathematics and Statistics and Deputy Dean of the School of Chemical and Mathematical Sciences. He has been appointed Emeritus Professor.
- Jen Bradley, Senior Lecturer in Mathematics and Statistics, retired in January after 32 years at Murdoch.
- Graeme Hocking has been promoted to Professor and appointed as Senior Academic in Mathematics and Statistics.

### **Swinburne University**

- Dr Yoni Nazarathy commenced on 1 December 2010 as Lecturer in Applied Mathematics.
- Dr Billy Todd commenced on 1 January 2011 as Professor of Mathematics.

### **University of Adelaide**

- Professor Sergei Merkulov from Stockholm University has joined the School as Professor in Pure Mathematics.

### **University of Ballarat**

- Dr Andrew Straniery has been promoted to Associate Professor.
- Dr Jason Giri has been promoted to Senior Lecturer.

**University of Melbourne**

- Rachel Sore has been appointed as Statistical Consultant.
- Stephen Vander Hoorn has been appointed as Statistical Consultant.
- Dr Sophie Hautphenne has been appointed as Research Fellow.
- Dr Mihee Lee has been appointed as Research Fellow.
- Professor Kannan Senthamarai (Research Fellow) has left the university.
- Dr Johanna Ziegel (Research Fellow) has left the university.
- Dr Christina Burt (Research Fellow) has left the university.
- Dr Gary Iliev (Research Fellow) has left the university.
- Dr David Chui (Research Fellow) has left the university.
- Jan de Gier has been promoted to Associate Professor and Reader.

**University of Newcastle**

- Dr Murray Elder has been appointed as Lecturer starting in January 2011.
- Dr Judy-anne Osborne has been appointed as Research Associate working with Professor Jonathan Borwein.
- Dr Jim MacDougall retired on the 28 January 2011 and will continue as a Conjoint Academic.

**University of New South Wales**

- Dr P.J. Blennerhassett has retired but is now appointed as Honorary Senior Lecturer.
- Dr Catherine Greenhill is President of the Combinatorial Mathematical Society of Australasia for 2011.
- Dale Roberts has become a lecturer at ANU, jointly appointed in the Mathematical Sciences Institute and the College of Business and Economics.
- Dr Atiya Zaidi, who held an Associate Lectureship within the School, will begin as Postdoctoral Research Mathematician at the Centre for Vascular Research, UNSW in mid-February.
- Dmitry Zanin has joined the School as a postdoctoral researcher, under the supervision of Fedor Sukochev.

**University of South Australia**

- Associate Professor Irene Hudson has resigned from the School of Mathematics and Statistics.

**UNSW@ADFA**

- Dr Jason Sharples has been appointed as Lecturer commencing January 2011.

**University of Queensland**

- Dr Peter Baxter has been appointed Lecturer in the Centre for Applications in Natural Resource Mathematics.
- Dr Sangjib Kim has been appointed Lecturer.

- Tony Roberts has been promoted to Associate Professor.
- Anthony Richardson has been promoted to Associate Professor.

#### University of Southern Queensland

- Dr Oleksiy Yevdokimov has been promoted to Senior Lecturer.
- Dr Xiaohui (Daniel) Tao has joined the Department of Mathematics and Computing as a lecturer. Before joining USQ, he was a research associate at QUT

#### University of Western Australia

- Associate Professor Grant Keady has left the School.
- Professor William Longstaff has left the School.
- Dr Bob Sullivan has left the School.
- Dr Sukru Yalcinkaya has left the School.

#### University of Wollongong

- Associate Professor Ken Russell has left the university.
- Dr Carroll Birrell's one year appointment has been converted to a continuing position.
- Dr Marianito Rodrigo has joined the school as a lecturer in mathematical finance.
- Robert Clark has been promoted to Associate Professor.
- Grant Cox and James McCoy have been promoted to Senior Lecturer.

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### New Books

#### Monash University

- Stillwell, J. (2010). *Roads to Infinity*. A K Peters, Natick, MA.
- Translated and introduced by John Stillwell (2010). *Papers on Topology*. American Mathematical Society, Providence, RI.
- Stillwell, J. (2010). *Mathematics and Its History*, 3rd edn. Springer, New York.

#### University of Newcastle

- Borwein, J.M. and Borwein, P.J. (2011). *Experimental and Computational Mathematics: Selected Writings*. PsiPress.

#### University of Wollongong

- Nilsen, R. *Randomness and Recurrence in Dynamical Systems*, The Carus Mathematical Monographs No. 31. The Mathematical Association of America.



## Conferences and Courses

Conferences and courses are listed in order of the first day.

### 9th EUROPT Workshop on Advances in Continuous Optimization

Date: 8–9 July 2011

Venue: University of Ballarat

Web: [www.ballarat.edu.au/ard/itms/CIAO/Workshops/EUROPT2011](http://www.ballarat.edu.au/ard/itms/CIAO/Workshops/EUROPT2011)

The 9th EUROPT Workshop aims to provide a forum for researchers and practitioners in continuous optimisation and related fields to discuss and exchange their latest works.

The topics include, but are not limited to, applications of continuous optimisation to combinatorial problems; complexity and efficiency of optimisation algorithms; convex and nonsmooth optimisation; complementarity and variational problems; derivative-free optimisation; global optimisation; large-scale optimisation; linear and nonlinear optimisation; optimal control; multiobjective optimisation; robust optimisation; semi-definite programming; semi-infinite programming; stochastic optimisation.

Invited speakers: Jonathan Borwein (University of Newcastle), Jerzy Filar (University of South Australia), Marco A. Lopez Cerda (University of Alicante, Spain), Oliver Stein (Karlsruhe, Germany), Juan Enrique Martinez Legaz (University of Autonoma de Barcelona, Spain).

Details of registration and submission of abstracts will be available on the website.

### 7th International Congress on Industrial and Applied Mathematics (ICIAM 2011)

Date: 18–22 July 2011

Venue: Vancouver, British Columbia, Canada

Web: [www.iciam2011.com](http://www.iciam2011.com)

Email: [info@iciam2011.com](mailto:info@iciam2011.com)

### 12th International Pure Mathematics Conference 2011

Date: 29–31 July 2011

Venue: Islamabad, Pakistan

Web: [www.pmc.org.pk](http://www.pmc.org.pk)

The 12th International Pure Mathematical Conference 2011 (12th IPMC 2011) is part of a series of Pure Mathematics conferences that take place in Islamabad every year in July/August. The themes of the conference are algebra, geometry and analysis. The conference is held under the auspices of the Algebra Forum ([www.algebraforum.org.pk](http://www.algebraforum.org.pk)) and the Pakistan Mathematical Society ([www.pakms.org.pk](http://www.pakms.org.pk)). There will be free housing for foreign participants. Some travel grants are available for foreign speakers.

Online registration and more information at [www.pmc.org.pk](http://www.pmc.org.pk).

### **Volcanic Delta 2011**

Date: 27 November – 2 December 2011

Venue: Rotorua, NZ

Web: [www.delta2011.co.nz](http://www.delta2011.co.nz)

Volcanic Delta 2011, the 8th Delta conference on the teaching and learning of undergraduate mathematics and statistics, will be held on the edge of Lake Rotorua, amongst the boiling mud-pools and geysers in the internationally acclaimed geothermal wonderland of Rotorua, New Zealand. Delta '11 builds on the knowledge and collegial networks established in previous Delta conferences, a series of biennial southern hemisphere symposia that began in Brisbane in 1997. Delta attracts a wide international audience of research mathematicians and educators committed to improving undergraduate mathematics and statistics education.

The 2011 conference will commence with a welcome reception and opening address on Sunday 27 November, and finish five days later with a plenary address before closing around lunchtime on Friday 2 December. Wednesday 30 November is reserved for excursions, which will explore the scenic thermal wonders of Rotorua.

*Important dates.* May 30 2011: final date for submission of full, refereed papers for IJMEST; August 21 2011: final date for submission of communications papers; August 31 2011: final date for abstract submission for oral presentations.

### **12th Asian Logic Conference**

Date: 15–20 December 2011

Venue: Victoria University of Wellington

Web: [msor.victoria.ac.nz/Events/ALC2011](http://msor.victoria.ac.nz/Events/ALC2011)

### **MCQMC 2012**

Date: 13–17 February 2012

Venue: Sydney

Web: [www.mcqmc2012.unsw.edu.au](http://www.mcqmc2012.unsw.edu.au)

Contact: Ian H. Sloan, Frances Y. Kuo, Josef Dick, Gareth Peters  
([mcqmc2012@unsw.edu.au](mailto:mcqmc2012@unsw.edu.au))

MCQMC is a biennial conference devoted to Monte Carlo and quasi-Monte Carlo methods and their interactions and applications. (In brief, quasi-Monte Carlo methods replace the random choices that characterise the Monte Carlo method by well chosen deterministic choices.) For more information, click on the 'Background' tab on the website. This will be the first MCQMC conference to be held in the southern hemisphere. (Northerners may like to be reminded that February is summertime in Sydney!)

The invited plenary speakers for MCQMC 2012 are: Pierre Del Moral (INRIA & University of Bordeaux 1, France), Mike Giles (University of Oxford, UK), Fred J. Hickernell (Illinois Institute of Technology, USA), Aicke Hinrichs (University of Jena, Germany), Michael Lacey (Georgia Institute of Technology, USA), Kerrie Mengersen (Queensland University of Technology, Australia), Andreas Neuenkirch

(University of Kaiserslautern, Germany), Art B. Owen (Stanford University, USA), Leszek Plaskota (University of Warsaw, Poland), and Eckhard Platen (University of Technology Sydney, Australia). For further information about the plenary speakers please see the website.

The website includes a call for special sessions. Proposals for special sessions should contain a short description of the theme and scope of the session, the name(s) of the organiser(s) and the names of four speakers (preferably from different institutions) who have agreed to participate. The deadline for submitting proposals is 1 July 2011. There will be a later call for contributed talks.

To receive further announcements please go the website, click on the ‘Mailing list’ tab, and sign up.

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## Vale

### **Emeritus Professor John Makepeace Bennett**

Emeritus Professor John Makepeace Bennett AO FTSE, who had been a member of the Society from 1957, died on 9 December 2010.

Professor Bennett was Emeritus Professor of Computer Science at the University of Sydney and was a pioneering computer scientist. He was foundation president of the Australian Computer Society from 1966 to 1967.

An obituary is included in this issue of the *Gazette*.

### **Professor Gavin Brown**

It is with great regret that we inform members that Professor Gavin Brown AO FAA CorrFRSE died on 25 December 2010 in Adelaide after many months of ill health. Professor Brown came to Australia in 1975 to take up the Chair of Pure Mathematics at the University of New South Wales. He subsequently served as Dean of the Faculty of Science at UNSW, as Deputy Vice-Chancellor (Research) at the University of Adelaide and as Vice-Chancellor at the University of Adelaide and then the University of Sydney, before being appointed as inaugural director of the Royal Institution of Australia in 2008. He was the second winner of the Australian Mathematical Society Medal, in 1982.

### **Professor Greg Hjorth**

It is with great sadness and regret that we report the death of Greg Hjorth on 13 January 2011 at age 47. Professor Hjorth, of the Department of Mathematics and Statistics at the University of Melbourne, was internationally recognised as one of the top researchers in logic and set theory. He recently gave the Tarski Lectures in logic at UC Berkeley and had been a Professor at UCLA before returning to his home town of Melbourne as an ARC Professorial Fellow. He was also an International Master in Chess at age 20 and was considered one of Australia’s finest chess players.

### Dr Miloslav Jirina

Dr Miloslav (Milo) Jirina passed away on 10 January 2011 after a prolonged illness. Dr Jirina came to Flinders University in 1968 from The Mathematics Institute of the Czechoslovak Academy of Sciences, Prague. A statistician specialising in probability, he taught, researched and participated in administration of the School till his retirement in the early 1990s. Milo is sadly missed by those who knew him.

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### Visiting mathematicians

Visitors are listed in alphabetical order and details of each visitor are presented in the following format: name of visitor; home institution; dates of visit; principal field of interest; principal host institution; contact for enquiries.

- A/Prof Pramod Achar; Louisiana State University; 22 May to 13 June 2011; algebra; USN; A. Henderson
- Pierre-Olivier Amblard; CNRS, France; 1 August 2010 to 28 February 2013; –; UMB; Owen Jones
- Dr Ben Ayliffe; University of Exeter, UK; September 2010 to July 2011; problems related to the formation of planets; UMN; Guillaume Liabe
- Prof Matthew Bate; University of Exeter, UK; September 2010 to July 2011; problems relating to the role of magnetic fields and radiation in star formation; UMB; Daniel Price
- Dr Jean-Francois Biasse; Ecole Polytechnique; 12 October 2010 to 15 March 2011; number theory; USN; J.J. Cannon
- Prof John Bland; University of Toronto; 16 July 2010 to 31 August 2011; analysis and geometry; ANU; Michael Eastwood
- Prof Jon Brundan; University of Oregon; 20 March to 13 June 2011; Hecke algebras and W-algebras; USN; A.P. Mathas
- Dr Daniela Bubboloni; University of Firenze, Italy; 1 February to 30 April 2011; groups and combinatorics; UWA; Cheryl Praeger
- Prof Tim Burness; University of Southampton, UK; 4–18 September 2011; groups and combinatorics; UWA; Michael Giudici
- Prof Frank Calegari; Northwestern University; 30 April to 4 June 2011; Galois representations; USN; N.C. Weber
- Prof Stephen Chapman; Oxford University; 1 August 2010 to 1 August 2011; mathematical modelling, methods of asymptotics; USN; N. Joshi
- Jing Chen; Central South University, China; January 2011 to January 2012; –; UWA; –
- Dr Florica Cirstea; University of Sydney; 14 July 2008 to 14 July 2011; applied and nonlinear analysis; ANU; Neil Trudinger
- Dr Robert Clark; University of Wollongong; 1 July 2008 to 1 July 2011; statistical science; ANU; Alan Welsh
- Dr Silvio Dolfi; University of Firenze, Italy; 1 February to 30 April 2011; groups and combinatorics; UWA; Cheryl Praeger

- Phillip Edwards; Monash University; May 2011; econometrics and group theory; UWA; –
- Dr Andreas-Stephan Elsenhans; University of Bayreuth; 14 February to 19 March 2011; computational algebra; USN; J.J. Cannon
- Prof Elena Fimmel; Hochschule Mannheim; 13 February to 31 March 2011; non-linear PDE; UNE; Gerd Schmalz
- Dr Shane Henderson; Cornell University; 1 January to 30 June 2011; computational science; ANU; Steve Roberts
- Prof Tom Hengl; ISRIC; 28 March to 10 April 2011; statistical science; ANU; Alan Welsh
- Mathias Hiron; Izibi SARL, France; 27 February to 27 March 2011; algorithms in knot theory and cryptography; UQL; Ben Burton
- Prof Naihong Hu; East China Normal University; 28 February to 26 March 2011; Lie superalgebras; USN; R. Zhang
- Prof Xing Liang; University of Science and Technology, China; 17 February to 2 April 2011; nonlinear PDE; UNE; Yihong Du
- Prof C.C. Lindner; Auburn University, USA; 11–25 May 2011; combinatorics; UQL; E.J. Billington
- Prof Jian Lu; Tsinghua University; 1 March 2011 to 1 April 2012; applied and nonlinear analysis; ANU; Xu-Jia Wang
- Prof Ralph McKenzie; Vanderbilt University, USA; 9–30 March 2011; universal algebra; LTU; Marcel Jackson
- Dr Ruy Fabila-Monroy; Heroes de Padierna, Mexico; 3 January to 10 March 2011; –; UMB; David Wood
- Dr Dave Morris; University of Lethbridge, Canada; 27 January to 30 May 2011; groups and combinatorics; UWA; Cheryl Praeger/Michael Giudici
- Dr Joy Morris; University of Lethbridge, Canada; 27 January to 30 May 2011; –; UWA; –
- A/Prof Toshio Ohnishi; Kyushu University, Japan; March 2011; Bayesian Tweedie generalized linear models; USC; Peter Dunn
- Prof Makato Ozawa; Komazawa University, Japan; 1 April 2009 to 31 March 2011; –; UMB; Hyam Rubinstein
- Prof Peter Scott; University of Michigan, USA; 9 February to 16 March 2011; –; UMB; Hyam Rubinstein
- Prof Mikhail Volkov; Ural State University, Russia; 9–30 March 2011; semigroup theory, automata theory, algebraic applications in computer science; LTU; Marcel Jackson
- Dr Andrew Wilson; University of Edinburgh; 1 January to 31 March 2011; magma; USN; J.J. Cannon
- Dr Yajun Xiao; University of Freiburg; 1–31 March 2011; financial mathematics; USN; C.O. Ewald
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