



# News

## General News

### International Congress of Mathematicians, Korea

The National Committee of Mathematical Sciences has requested information about mathematicians from Australia who are planning to attend the ICM in Korea, which is to be held 13–21 August 2014. If you are planning to do so, please email Nalini Joshi ([nalini.joshi@sydney.edu.au](mailto:nalini.joshi@sydney.edu.au)), and let her know about your travel plans.

### Call for nominations AAS awards

The Australian Academy of Science is currently calling for nominations for applications for Travelling Fellowships, Conference Awards and Research Awards. The closing date for nominations is 30 July. The available awards include the following:

- AK Head Travelling Scholarship for Mathematical Scientists
- 2015 Selby Fellowship.

For more details see <http://www.science.org.au/awards>.

### New edition of the Administrative Directory

The December 2013 edition of the Administrative Directory of Australia is now available on the AustMS website. You need to log in with your username and password to gain online access to the Directory. Your username will usually be a single lower case word comprising your first initial followed by your surname. If you have forgotten your password, the log-in process enables you to ask for it. If you have difficulty with the log-in, please contact the AustMS office directly.

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## Completed PhDs

### Australian National University

- Dr Mun-Ju Shin, *On model evaluation and characterizing uncertainty: the example of rain-fall runoff*, supervisors: Barry Croke and Tony Jakeman.

### La Trobe University

- Dr Thi Thuy Dung Nguyen, *Presentations of context free shifts*, supervisors: John Banks and Marcel Jackson.

**Monash University**

- Dr Zohreh Heidarirad, *Aspects of locally compact quantum groups*, supervisors: Alan Pryde and Todd Oliynyk.
- Dr David James Hartley, *Stability of stationary solutions to curvature flows*, supervisors: Maria Athanassenas and Todd Oliynyk.

**University of Newcastle**

- Dr Andrew Morris, *Fourier and wavelet analysis of Clifford-valued functions*, supervisors: Jeffrey Hogan and George Willis.

**University of New South Wales**

- Dr Joshua Capel, *Classification of second-order conformally-superintegrable systems*, supervisor: J. Kress.
- Dr Ali Alkhalidi, *The parabola in universal hyperbolic geometry*, supervisor: N. Wildberger.

**University of Queensland**

- Dr Tim Brereton, *Monte Carlo methods for complex systems*, supervisor: Dirk Kroese.
- Dr Adam Grace, *Markov chain Monte Carlo for rare-event probability estimation*, supervisor: Dirk Kroese.

**University of Western Australia**

- Dr Brian Corr, *Estimation and computation with matrices over finite fields*, supervisors: Cheryl Praeger and Akos Seress.

**University of Wollongong**

- Dr Rubayyi Turki Alqahtani, *Modelling of biological wastewater treatment*, supervisors: Mark Nelson and Annette Worthy.
- Dr Hassan Alfifi, *Semi-analytical solutions for delay partial differential equations*, supervisors: Tim Marchant and Mark Nelson.
- Dr Muteb Alharthi, *Semi-analytical solutions for autocatalytic reaction-diffusion equations*, supervisors: Tim Marchant and Mark Nelson.

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**Awards and other achievements****Australian National University**

- Professor Alan Carey is one of 20 new Fellows of the Australian Academy of Science.

### Monash University

- Associate Professor Burkard Polster received the Monash Enhancement Program Teaching Award in 2013. This is the third year in a row that he has been given this award, voted by the students.
- Michael Brand has won the Mollie Holman Doctoral Medal for the best PhD thesis completed in the Faculty of IT at Monash University in 2013. One such medal is awarded in each Faculty, each year, at Monash. His thesis also won the 2013 Faculty of IT Doctoral Medal which has criteria for other contributions as well as thesis excellence. The thesis is titled *Computing with arbitrary and random numbers*, and is available at: <http://arrow.monash.edu.au/hdl/1959.1/907035>. Main supervisor was Graham Farr, associate supervisor was Ian Wanless. Michael graduates in May 2014.

### University of Melbourne

- Congratulations to Professor Peter Hall who was recently awarded a Doctor Honoris Causa from the University of Cantabria in Spain. The honorary doctorate was awarded on 27 January with an inaugural lecture titled ‘Una perspectiva de la estadística’.

### University of New South Wales

- Recent former PhD student Steve Maher has been awarded an AustMS Lift-Off Fellowship, which he will use to visit Professor Francois Vanderbeck at the Institute of Mathematics at the University of Bordeaux.

### University of Newcastle

- Professor George Willis is one of 20 new Fellows of the Australian Academy of Science.
- Congratulations to Dr Masoud Talebian from University of Newcastle, who, with his co-author Professor Garrett Van Ryzin from Columbia University, was runner-up in the INFORMS Case and Teaching Materials Competition for their submission Markdown Management at Sports Unlimited.

### University of Queensland

- A 2012 paper in the journal *Neuron* by Libby Forbes, Andrew Thompson, Jiajia Yuan and Geoffrey Goodhill (University of Queensland) was awarded the Paxinos–Watson Prize by the Australasian Neuroscience Society for the most significant neuroscience paper published that year by one of their members (awarded in 2014). The paper describes a mathematical model for how calcium and cyclic AMP interact to determine the direction of nerve fibre growth during neural development.

See <https://www.ans.org.au/awards/paxinos-watson-award>.

**University of Sydney**

- Alex Chalmers was awarded the K.E. Bullen International Conference Scholarship.
- Sanjaya Dissanayake was awarded the Kopystop International Conference Scholarship.
- Matthew Chan won the T.M. Cherry Prize for the best student talk at the ANZIAM 2014 meeting in Rotorua, New Zealand.
- Amelia Gontar was awarded a Google Bursary to attend the British Mathematical Colloquium at Queen Mary, University of London in April 2014.
- Ross Ogilvie was awarded the Philipp Hofflin International Research Travel Scholarship.
- Rory Anderson was awarded the CSIRO Mathematics, Informatics and Statistics (CMIS) Honours Scholarship.

**University of the Sunshine Coast**

- The mathematics community at USC recently won an internal grant to establish a Mathematics Teachers Hub on the Sunshine Coast (MATHS) to support mathematics teachers and pre-service mathematics teachers, with support from the USC mathematics community.

**University of Wollongong**

- Michelle Dunbar has received the Engineering and Information Sciences Faculty Outstanding Contribution to Teaching And Learning (OCTAL) Early Career award.
- Caz Sandison and Carole Birrell have received an Outstanding Contribution to Teaching And Learning (OCTAL) award for their project 'C2: Teachers of Maths for Primary Education'.

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**Appointments, departures and promotions****Charles Sturt University**

- Dr Michael Kemp has been appointed Associate Head of School.
- Sharon Nielsen, Director of the Quantitative Consulting Unit, has been seconded to the Research Office.

**La Trobe University**

- In February, Professor Phil Broadbridge ended his five-year term as Head of the School of Engineering and Mathematical Sciences. He is now Professor in the Department of Mathematics of Statistics.

### Macquarie University

- Dr Stuart Hawkins was promoted to Senior Lecturer in recognition of his contribution as an individual and for raising the profile of Mathematics at Macquarie.
- Dr Mingju Liu from Beihang University China has a postdoctoral position with Professor Xuan Duong for the year 2014.

### Monash University

- Dr Kerri Morgan commenced as Lecturer in the Clayton School of Information Technology in May.
- Dr Rebecca Robinson commenced as Research Fellow in 2013.
- Professor Philip Hall commenced as the new Head of the School of Mathematical Sciences on 31 March 2014. Phil comes from Imperial College London where he was a former Head of Department from 1998–2003. His main research areas are fluid dynamics, turbulence and geomorphology.
- Professor Kate Smith-Miles, who was Head for the last five years, will continue as a Professor in the School with a new role as Director of the Monash Academy for Cross and Interdisciplinary Mathematical Applications (MAXIMA; see [monash.edu/maxima](http://monash.edu/maxima)).
- Dr Joel Miller commenced as Senior Lecturer. Joel's interests are in mathematical biology, network properties, and network dynamics. Usually his research has application to spread of infectious diseases, invasive species, ideas, or other processes.
- Dr Anja Slim commenced as Senior Lecturer. Anja's research interests are in fluid dynamics applied to the earth sciences and to industrial problems; carbon capture and storage; gravity currents; viscoplastic fluids.
- Mr Mario Andres Munoz A'Costa commenced as Research Fellow. Mario's research interests are in computational intelligence, in particular its application to continuous optimisation problems, pattern recognition, and control system design.
- Dr Jennifer Catto commenced as Research Fellow. Jennifer's research interests are in midlatitude weather systems: their relationship with rainfall including extreme rainfall; how they are represented by climate models; and how they may change in the future. Other interests include atmospheric and climate dynamics, and climate modelling.
- Dr Maria Lugaro, Senior Lecturer in Astrophysics, has resigned with effect from 30 April 2014. Maria will return to Europe.

### Queensland University of Technology

- Eleftherios Kirkinis, Lecturer in applied mathematics, has left the university.
- Robyn Araujo, Lecturer in applied mathematics, has left the university.
- Associate Professor Steven Stern, Statistics, has left the university.

**University of Adelaide**

- Dr Ali Eshragh is leaving the University of Adelaide to join the School of Mathematical and Physical Sciences at the University of Newcastle as a Lecturer in statistics.

**University of Melbourne**

- Dr William Holmes (University of California at Irvine) and Dr James Osborne (University of Oxford) have been appointed as Lecturers in applied mathematics.

**University of Newcastle**

- Dr Ali Eshragh has joined the University of Newcastle as a Lecturer in statistics.
- Dr Bishnu Lamichhane has been promoted to Senior Lecturer.
- Dr Roslyn Hickson has left the university.
- Dr Eugene Vlachynsky has left/is leaving the university.
- Dr Ian Benn has left/is leaving the university.
- Dr Darfiana Nur has left/is leaving the university.
- Dr Paul Rippon has left/is leaving the university.
- Dr Liangjin Yao has left/is leaving the university.

**University of Sydney**

- Professor Norman Dancer has transitioned to Emeritus Professor.

**University of Wollongong**

- Associate Professor Michael McCrae has been appointed as an Honourary Principal Fellow.
- Professor Jacqui Ramagge and Associate Professor David Pask have been appointed as two of nine candidates for nine Faculty of Engineering and Information Sciences academic staff representatives to the University of Wollongong Academic Senate for the period 1 April 2014 to 30 June 2015.
- Associate Professor David Pask and Dr Marianito Rodrigo have been appointed to the steering committee of the Institute for Mathematics and its Applications, directed by James McCoy.
- Dr Ngamta (Natalie) Thamwattana has been appointed as Ethnicity Representative on the UoW Employment Equity and Diversity Committee for a period of two years.

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**New Books****University of New South Wales**

Franklin, J. (2014). *An Aristotelian Realist Philosophy of Mathematics: Mathematics as the Science of Quantity and Structure*. Palgrave Macmillan, Basingstoke.

### University of South Australia

Avrachenkov, K.E., Filar, J.A. and Howlett, P.G. (2013). *Analytic Perturbation Theory and Its Applications*. SIAM, PA.

### University of Queensland

Lafaye de Micheaux, P., Drouilhet, R. and Liquet, B. (2013). *The R Software: Fundamentals of Programming and Statistical Analysis* (Statistics and Computing 40). Springer.

Kroese, D.P. and Chan, J.C.C. (2013). *Statistical Modeling and Computation*. Springer.

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## Conferences and Courses

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

### Cell Based and Individual Based Modelling (CBIBM)

Date: 10–12 June 2014

Venue: Pullman Cairns International, Cairns

Web: <http://www.cs.ox.ac.uk/conferences/CBIBM/>

For further details, see the website, or the *Gazette* 41(2), p. 64.

### CoECCS Winter School 2014: Geophysical fluid dynamics

Date: 16–20 June 2014

Venue: Centre of Excellence for Climate System Science, ANU

Web: <http://www.climatescience.org.au/winter-school-2014>

The 2014 winter school theme is Geophysical Fluid Dynamics. This is a high-level education program for honours and graduate students interested in climate science. It will be of considerable relevance to those working in the atmospheric and ocean sciences, and also those in land-related disciplines with interest in the planetary boundary layer and land–atmosphere feedbacks. The winter school will consist of a series of lectures and lab sessions delivered by Centre of Excellence researchers from our five universities and partner organisations. An advanced Python tutorial will be delivered by our Computational Modelling Support Team.

### Teaching Practices in Undergraduate Mathematics

Date: 23–24 Hybe 2014

Venue: University of Melbourne

Web: <http://fyimaths.org.au/workshops-2/workshop-2/>

Contact: Joann Cattlin ([joann.cattlin@unimelb.edu.au](mailto:joann.cattlin@unimelb.edu.au))

The First Year in Maths project is holding a free professional development workshop on ‘Teaching practices in undergraduate mathematics’ over 1.5 days, on Monday and Tuesday 23 (full day) and 24 June (half day), at the University of Melbourne.

The workshop is aimed at academics who teach first-year mathematics in universities and would like to find out more about the range of teaching practices others are currently trialling. Day 1 will cover topics such as flipped classrooms, lecture recording, online learning, interactive tutorials and other innovative practices. Day 2 will be a half-day session on diagnostic testing.

The First Year in Maths project is an OLT-funded project that aims to establish a supportive network for academics teaching in first-year maths through information sharing, professional development and mentoring. The project has established links with mathematics departments in Australian and New Zealand universities through interviews, a workshop, meetings and a major forum in Sydney in February this year.

Further information and registration form are available on the website.

### **Interactions Between Operator Algebras and Dynamical Systems**

Date: 30 June to 4 July 2014

Venue: University of Wollongong

Web: <http://eis.uow.edu.au/smas/operator-algebra-dynamic-systems/index.html>

Local organisers: Adam Sørensen, Michael Whittaker, Sam Webster (UOW) and Murray Elder (University of Newcastle).

### **Finance, Probability and Statistics workshop**

Date: 2–6 July 2014

Venue: UTS, Sydney

Web: <http://cfsites1.uts.edu.au/qfrc/news-events/events-detail.cfm?ItemId=35866>

This is the fourth IMS-FPS (Institute for Mathematical Statistics–Finance, Probability and Statistics) workshop, it is a satellite workshop to the joint Australian Statistical Society and IMS Annual Meeting which will be held in Sydney (7–10 July). The main venue is the lecture theatre at Aerial UTS Function Centre which is located within the Broadway UTS Campus. In addition there will be a short course on Stochastic Optimal Control, designed for graduate students and practitioners.

The workshop topics include, but are not limited to:

- high frequency trading: data, models and strategies
- energy and weather derivatives
- change-point models
- volatility models
- stochastic optimal control
- decision making with incomplete information
- retirement products



- exotic options
- irregular markets
- risk and regulation

Speakers for plenary sessions include Carl Chiarella (UTS), Rong Chen (Rutgers University), Dilip Madan (University of Maryland), Juri Hinz (UTS), Tze-Leung Lai (Stanford University), Eckhard Platen (UTS), Albert Shiryaev (Moscow State University), Xunyu Zhou (Chinese University, Hong Kong).

### **2014 AMSI Winter School on Contemporary Aspects of Cryptography**

Date: 7–18 July 2014

Venue: University of Queensland

Web: <http://amsi.org.au/WS>

Registration is now open for the 2014 AMSI Winter School on Contemporary Aspects of Cryptography. The speaker line-up includes: Professor Alexei Miasnikov (Stevens Institute of Technology) and Professor Tanja Lange (Technische Universiteit Eindhoven).

### **GAGTA8: Geometric and Asymptotic Group Theory with Applications**

Date: 21–25 July 2014

Venue: Newcastle, Australia

Web: <https://sites.google.com/site/gagta8/>

For more information, see the website, or *Gazette* 40(5), pp. 353-354.

### **Workshop in Harmonic Analysis and its Applications**

Date: 21–25 July 2014

Venue: Macquarie University

Web: <http://rutherglen.science.mq.edu.au/ha2014/>

For further details, see the website, or *Gazette* 40(5), p. 354.

### **Geometric Analysis and Probabilistic Methods in Geometry**

Date: 21–25 July 2014

Venue: University of Queensland

Web: <http://www.smp.uq.edu.au/GASMG-2014>

The main themes of the conference are heat kernels, the Ricci curvature, the Willmore functional and stochastic differential geometry.

Organisers: Glen Wheeler and Valentina Wheeler (U Wollongong), Thierry Coulhon (ANU), Artem Pulometov and Huy Nguyen (UQ).

Funding from AMSI/AustMS, IMIA, UQ, and MSI (ANU).

**International Congress of Mathematicians**

Date: 13–21 August 2014

Venue: Seoul, Korea

Website: <http://www.icm2014.org/>

For further details, see the website, or *Gazette* 41(1), p. 64.

**Robust Statistics and Extremes conference**

Date: 8–11 September 2014

Venue: ANU

Web: <http://maths.anu.edu.au/events/robust-statistics-and-extremes>

**EVIMS 2: Effective use of Visualisation in the Mathematical Sciences workshop**

Date: 21–23 November 2014

Venue: ANU

Web: <http://maths.anu.edu.au/events/effective-use-visualisation-mathematical-sciences-evims-2>

**New Directions in Fractal Geometry workshop**

Date: 24–28 November 2014

Venue: ANU

Web: <http://maths.anu.edu.au/events/new-directions-fractal-geometry>

**CTAC 2014**

Date: 1–3 December 2014

Venue: ANU

Web: <http://maths.anu.edu.au/events/ctac-2014>

**BioInfoSummer 2014**

Date: 1–5 December 2014

Venue: Monash University

Web: [https://platforms.monash.edu/maxima/index.php?option=com\\_content&view=article&id=93:bioinfosummer&catid=24:latest-news&Itemid=199](https://platforms.monash.edu/maxima/index.php?option=com_content&view=article&id=93:bioinfosummer&catid=24:latest-news&Itemid=199)

**38th Australasian Conference on Combinatorial Mathematics and Combinatorial Computing**

Date: 1–5 December 2014

Venue: Victoria University of Wellington, New Zealand

Web: <http://msor.victoria.ac.nz/Events/38ACCMC>

For further details, see the website, or *Gazette* 41(1), p. 65.

**8th Australia–New Zealand Mathematics Convention**

Date: 8–12 December 2014

Venue: University of Melbourne

Web: <http://www.austms2014.ms.unimelb.edu.au/>

For further details, see the website, or *Gazette* 41(1), p. 65.

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**Vale****Dr Jia Weng**

It is with much sadness that we report the passing of Dr Jia Weng in March 2014. He had just celebrated his 76th birthday. He obtained a doctorate in Mathematics at Flinders University with the title ‘Determining Shortest Networks in the Euclidean Plane’ in 1993. He has since spent his time as a research fellow and then as a senior research fellow at the University of Melbourne, first in the mathematics department, and then in the engineering department. By anybody’s yardstick, he was truly a first class mathematician.

**Reyn Keats FAustMS**

With regret we inform members that Professor Reyn Keats FAustMS died on 1 April, at the age of 96 years. An obituary will appear in the next issue.

**Geoff Mercer**

Tragically, Professor Geoff Mercer of the National Centre for Epidemiology and Population Health at the ANU passed away unexpectedly on Saturday, 12 April. The Society’s Accreditation Committee has decided to posthumously accredit him as a Fellow of the Australian Mathematical Society (FAustMS).

The Research School of Population Health at ANU has decided to honour Geoff’s contributions and to continue his legacy of mentoring and support of students by establishing the Geoff Mercer Endowment. This will fund an annual award for postgraduate RSPH students to undertake an activity in pursuit of their academic goals, including travel to a national or international conference.

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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.

Soren Asmussen; Aarhus University; 28 January to 28 February 2014; applied probability; SMP at UQ; Leonardo Rojas-Nandayapa

- Prof Pascal Auscher; Université Paris-Sud; 15–24 April 2014; ANU; Thierry Coulhon
- Prof Christoph Bandt; Ernst Moritz Arndt University Greifswald; 15 April 2014 to 10 May 2014; ANU; Michael Barnsley
- Mogens Bladt; IIMAS-UNAM; 1–15 November 2014; applied probability; SMP at UQ; Leonardo Rojas-Nandayapa
- José Blanchet; Columbia University; January 2015; applied probability; SMP at UQ; Leonardo Rojas-Nandayapa
- Prof Alexey Bolsinov; Loughborough; 30 March 2014 to 3 April 2014; ANU; Katharina Neusser
- Paul Carter; Brown University, USA; 2 April to 10 May 2014; applied; USN; Martin Wechselberger
- A/Prof Xiyu Cheng; Lanzhou University, China; February 2014 to February 2015; nonlinear analysis; UNE; Yihong Du
- Dr Pavel Chigansky; The Hebrew University, Israel; 1 October 2013 to 30 September 2014; probability, stochastic processes, nonlinear filtering, control and stability; MNU; Kais Hamza
- Sam Chow; University of Bristol, UK; 15 March to 12 April 2014; UMB; Alex Ghitza
- Mr Romain Couvreur; Écol Normale Supérieure, France; 1 February to 1 August 2014; UMB; Paul Pearce
- Prof David Evans; Cardiff University, Wales; 23–26 March 2014; UMB; Arun Ram
- Prof Jarah Evslin; TPCSF, Institute of High Energy Physics; 18 April to 18 May 2014; ANU; Peter Bouwknecht
- Dr Lance Fiondella; University of Massachusetts, USA; April to August 2014; computer science; RMIT; P. Zeepongsekul
- Dr Ganes Ganesalingam; Massey University, NZ; 1 July 2014 to 30 June 2015; statistics; USN; Shelton Peiris
- Alexandr Garbali; LPTHE - CNRS - UPMC, France; 11 March to 1 April 2014; UMB; Jan de Gier
- Mark Handcock; University of California; 27 June to 7 July 2014; UWA; Gopal Nair
- A/Prof Viktoria Heu; Université de Strasbourg; 6 April to 10 May 2014; applied; USN; Nalini Joshi
- Ms Hong Diem Huynh; Cantho College, Vietnam; three weeks in April/May 2014; optimisation; FedUni; Alex Kruger
- Valerie Isham; University College London; 27 June to 7 July 2014; UWA; Gopal Nair
- Prof Bruno Iochum; University of Provence; 21 April to 11 May 2014; mathematical physics; UWG; Adam Rennie
- Prof Masahiko Ito; Tokyo Denki University, Japan; 5–26 March 2014; UMB; Peter Forrester
- A/Prof Hanna Jankowski; York University, Canada; 9 August 2013 to 30 June 2014; UMB; Peter Hall
- Prof Phan Quoc Khanh; Vietnam International University; three weeks in April/May 2014; optimisation; FedUni; Alex Kruger

- Prof Elena Kulinskaya; University of East Anglia, UK; 28 January to 30 April 2014; UMB; Richard Huggins
- Prof Weidong Liu; Shanghai Jiao Tong University, China; 6 July to 2 August 2014; statistics; USN; Qiying Wang
- Prof Feng Luo; Rutgers University, USA; 17–21 March 2014; UMB; Craig Hodgson
- Hou Lvlin; National University of Defense Technology, PR China; 11 November 2013 to 11 November 2014; UWA; Michael Small
- Prof Hiroshi Matano; University of Tokyo, Japan; 15–23 May 2014; nonlinear partial differential equations and dynamical systems; UNE; Yihong Du
- Prof Vladimir Matveev; Friedrich-Schiller University, Germany; 30 March to 9 April 2014; ANU; Michael Eastwood
- Yolanda Moreno; University of Extremadura, Spain; 29 April to 1 June 2014; functional analysis; FedUni; David Yost
- Prof Evgeny Mukhin; 5–31 May 2014; pure; USN; Alexander Molev
- Dr Steven Noble; Brunel University, UK; 6–19 April 2014; UWA; Gordon Royle
- Tanmoy Paul; Indian Institute of Technology, Hyderabad; 16 May to 15 July 2014; functional analysis; FedUni; David Yost
- A/Prof Julia Pevtsova; University of Washington, USA; 19–23 March 2014 and 28 March to 1 April 2014; UMB; Arun Ram
- Prof Jessica Purcell; Brigham Young University; 21 December 2013 to 20 August 2014; UMB; Craig Hodgson
- Prof Aixia Qian; Qufu Normal University, China; December 2013 to December 2014; nonlinear analysis; UNE; Yihong Du
- Mr Fazli Rabbi; 31 January to 31 July 2014; stats; USN; Samuel Mueller
- Jan Nykvist Roksvold; University of Tromsø, Norway; 1 February to 1 May 2014; UNSW; T. Britz
- Dr Ege Rubak; Aalborg University, Denmark; 31 March to 20 April 2014; UWA; Gopal Nair and Adrian Baddeley
- Sergey Semin; Nizhny Novgorod State Technical University, Russia; 21 September 2013 to 10 July 2014; ocean wave dynamics in the coastal zone; USQ; Yury Stepanyants
- Mr Mikael Slevinsky; University of Alberta, Canada; 7 February 2014 to 31 May 2014; applied; USN; Sheehan Olver
- Dr Pablo Spiga; Università degli Studi di Milano-Bicocca; 17 March to 2 April 2014; UWA; Gordon Royle
- Prof Ciprian Tudor; Universidad de Paris and Universit'e de Lille; 1–21 June 2014; statistics; USN; Qiying Wang
- Dr Rolf Turner; University of Auckland, NZ; 7–20 April 2014; UWA; Gopal Nair and Adrian Baddeley
- Vincenzo Vespri; University of Florence, Italy; 1–30 April 2014; ANU; Neil Trudinger
- A/Prof Mircea Voineagu; UNSW; 13–16 March 2014; UMB; Arun Ram
- Dr Qian Wang; University of Oxford; 1 March to 31 December 2014; ANU; Markus Hegland
- A/Prof Lei Wei; Jiangsu Normal University, China; February 2014 to February 2015; nonlinear partial differential equations; UNE; Yihong Du

Prof Viola Weiss; University of Applied Sciences Ernst-Abbe-Fachhochschule, Germany; 2 April to 30 May 2014; statistics; UNE; Neville Weber  
Mr Padarn Wilson; ANU; 13–20 March 2014; UMB; Aurore Delaigle  
Mr Wei Wu; UNSW; 30 July 2012 to 30 June 2015; financial maths; USN; Ben Goldys  
A/Prof Yuezhu Wu; Changsu Institute of Technology; 1 October 2013 to 30 September 2014; Lie superalgebras; USN; Ruibin Zhang  
Prof Wenshang Zhang; Chinese academy of Sciences; 23 March to 5 April 2014; ANU; Qinian Jin  
Assoc Prof Jin-Xin Zhou; Beijing Jiaotong University; 16 November 2013 to 16 November 2014; UWA; Cai Heng Li  
Dr Michael Zieve; University of Michigan; 19 March to 31 April 2014; UWA; Cheryl Praeger  
Prof Wu Ziku; Qingdao Agricultural University, China; 1 October 2014 to 1 March 2015; applied; UNS; Georg Gottwald

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