



News

General News

Federation University Australia

The University of Ballarat and the Gippsland campus of Monash University have merged, to form a new institution, Federation University Australia. The existing school structure will remain in place until the middle of 2014.

Effective Teaching, Effective Learning in the Quantitative Disciplines

The AustMS website is the home of the on-line professional development unit 'Effective Teaching, Effective Learning in the Quantitative Disciplines'. The unit was developed under an ALTC grant, by a project team of mathematicians, and is now in its fourth year. The unit will be coordinated from Macquarie University and La Trobe University in 2014.

The unit is available free to AustMS members. The modules are available for all to view; by formally enrolling and completing three assessment tasks, participants can receive a certificate of completion. By negotiation with your home institution, you may be able to substitute this discipline-based unit for more generic teaching-and-learning training that they require, or as one unit in a Graduate Certificate of Higher Education, as some participants have already done.

The unit is suitable both for tutors and lecturers. The assessment tasks must be completed when one is teaching a class, as they involve production of teaching and assessment materials and reflection upon them.

The unit will commence in late February for first semester participants. It is also intended to run in second semester. It can also be taken across both semesters.

Visit <http://www.austms.org.au/Professional+Development+Unit> for more information. The unit outline, which includes details of assessment, may be viewed there, or contact the coordinator, Dr Katherine Seaton (k.seaton@latrobe.edu.au).

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UK New Year Honours

Members may be interested to know that two friends of mathematics in Australia, Celia Hoyles and Frances Kirwan have become Dames Commander of the British Empire in the UK 2014 New Year Honours. Celia was AMSI keynote speaker at the 'Maths for the Future' forum and Francis has been a long-standing member of AMSI's Research Advisory Committee.

Completed PhDs

La Trobe University

- Dr Brett Stanley, *Dynamics and presentations of shift maps defined by orders*, supervisors: John Banks and Marcel Jackson.
- Dr Dilshani Tissera, *Confidence intervals in regression that utilize uncertain prior information about a vector parameter*, supervisors: Paul Kabaila and David Farchione.
- Dr Michael Malloy, *Contributions to meta-analysis for continuous response data*, supervisors: Robert Staudte and Luke Prendergast.

Macquarie University

- Dr Camell Kachour, *Aspects of globular higher category theory*, supervisors: Michael Batanin and Ross Street.

Monash University

- Dr Yu (Oscar) Tian, *The hybrid stochastic-local volatility model with applications in pricing FX options*, supervisor: Fima Klebaner.

RMIT

- Dr Chathuri Jayasinghe, *Nonparametric approach to reliability and its applications*, supervisors: P. Zeephongsekul and Yan Wang.

University of Melbourne

- Dr Leigh Humphries, *Effective solutions to problems in descriptive set theory*, supervisors: the late Greg Hjorth, Lawrence Reeves and Greg Restall.
- Dr Jose Ayala Hoffmann, *Classification of the homotopy classes and minimal length elements in spaces of bounded curvature paths*, supervisors: Hyam Rubinstein, Doreen Thomas and Marcus Brazil.

- Dr Yacov Salomon, *Unimodal density estimation with applications in expert elicitation and decision making under uncertainty*, supervisors: Peter Taylor, Michael McCarthy and Brendan Wintle.
- Dr Omar Ortiz Branco, *Schubert calculus for p -compact groups*, supervisors: Arun Ram and Craig Westerland.
- Dr Alan Simpson, *On some model comparison problems*, supervisor: Guoqi Qian.
- Dr James Woodcock, *Convective methods of pumping and drag reduction*, supervisors: Ivan Marusic and John Sader.
- Dr Jason Nassios, *Oscillatory flows of a slightly rarefied gas: a kinetic theory investigation*, supervisor: John Sader.
- Dr Callum Sleigh, *Eynard–Orantin theory of the A -polynomial*, supervisors: Paul Norbury and Arun Ram.

University of New South Wales

- Dr Alexandr Usachev, *Subclasses of Dixmier (singular) traces and related classes of measurable operators*, supervisors: Fedor Sukochev and Denis Potapov.
- Dr Stephen Maher, *The application of recoverable robustness to airline planning problems*, supervisors: Gary Froyland and Cheng-Lung Wu.
- Dr James Nichols, *Quasi Monte Carlo methods with applications to partial differential equations with random coefficients*, supervisors: Ian Sloan and Frances Kuo.

University of Sydney

- Dr Nigel Chan, *Uniform convergence on non-linear cointegrating regression*, supervisor: Qiyang Wang.
- Dr Phillip Howes, *Geometry of Painlevé' equations and birational maps*, supervisor: Nalini Joshi.
- Dr Yinan Zhang, *p -adic verification of class number computations*, supervisors: Mark Watkins and Claus Fieker.

University of Wollongong

- Dr Ali Algarni, *Comparing worked examples and problem-solving methods in teaching mathematics to ESL students at tertiary level*, supervisor: Anne Porter and Carole Birrell.

Awards and other achievements

University of Adelaide

Mathai Varghese has been elected Fellow of the Royal Society of South Australia.

Deakin University

PhD student Ms Veelasha Moonsamy was awarded the (ISC)2 Foundation Women's Scholarship valued at \$5250. (ISC)2 is dedicated to building the next generation of information security professionals through this scholarship program aimed at students from high school through post-graduate work and the Women's Scholarship is aimed at encouraging exceptional women to enter this exciting and growing field.

La Trobe University

- Professor Brian Davey has been made an Emeritus Professor, and a celebration dinner was held following the conferral in October.
- Nhan Bao Ho has won a 2014 Endeavour Research Fellowship.
- Reinout Quispel has received a three-year ARC DORA Fellowship, and a discovery grant with John Roberts through UNSW.

Monash University

- ARC DECRA: Dr Jennifer Catto, Dr Heiko Dietrich, Dr Greg Markowsky, Dr Mark Flegg.
- ARC Future Fellowships: Dr Daniel Price, A/Prof David Wood and Dr Julie Clutterbuck (joining Monash in July 2014).
- ARC Discovery: Dr Tim Garoni, Dr Greg Markowsky and Dr Andrea Collecchio for their project entitled 'Finite Markov chains in statistical mechanics and combinatorics'.

Macquarie University

On 19 November 2013, Professor John Croucher was announced as the Prime Minister's University Teacher of the Year.

Queensland University of Technology

Recent ARC Category 1 grant outcomes include

- ARC Discovery Project \$321 000 A/Prof Scott McCue (and others). Project Summary: Asymptotic analysis plays a vital role in studying the complex interfacial dynamics that are fundamental for practical problems in fluid mechanics such as the withdrawal of oil and gas from underground reservoirs and the optimal design of ship hulls to minimise wave drag. These applications exhibit extremely small physical effects that may be crucially important but cannot be described using classical asymptotic analysis. This project will develop state of the art mathematical techniques in exponential asymptotics to address this deficiency in the classical theory, and provide a deeper understanding of pattern formation, instabilities and wave propagation on the interface between two fluids.
- ARC Discovery Project \$303 000 A/Prof Matthew Simpson and A/Prof Scott McCue (and others). Project Summary: Ghrelin is a recently discovered growth factor that regulates appetite and promotes tumour growth by enhancing cell invasion. The mechanisms by which ghrelin enhances cell

invasion are, at present, unknown. This innovative project will develop a new hierarchy of multiscale mathematical models that will be used to quantify how ghrelin modulates cell behaviour (motility, proliferation and death) and provide insight into the precise details of how ghrelin promotes cell invasion. This project will demonstrate the potential for ghrelin-based strategies to control cell invasion. By linking appetite regulation and tumour growth, the outcomes from this project will inform Australian health policy in this important area.

- ARC Future Fellowship \$617220 A/Prof Matthew Simpson. Project Summary: Cancer and chronic wounds are a national, and indeed, international health problem set to worsen as our population ages. Predictive and interpretive tools are required to improve our understanding of collective cell migration in relation to cancer and chronic wounds. This project will produce new validated mathematical tools for predicting collective cell migration in a general framework that can deal with application-specific details, such as the role of cell shape and cell size. Although cell shape and size are known to affect collective cell migration, standard mathematical models ignore these details. This project will produce new predictive mathematical modelling tools that are validated by new experimental data.
- ARC DECRA \$389564 Dr Petrus van Heijster. Project Summary: Defects, or heterogeneities, are common in nature and technology and therefore in mathematical models. This project will underpin the effects a defect can have on the dynamics of a model, characterise the new patterns created by a heterogeneity and see how the dynamics can be controlled by manipulating the heterogeneity. Moreover, these new insights will be applied to a model for skin cancer, resulting in a more appropriate model and a mathematically justifiable analysis of a very important scientific problem.
- ARC Centre of Excellence for Mathematical and Statistical Frontiers of Big Data, Big Models, New Insights! \$20 000,000 Lead by Professor Peter Hall (UniMelb).

UNSW Canberra

- Jason Sharples and Harvi Sidhu were awarded an ARC Discovery Indigenous Grant (2014–2016) for their project ‘Understanding the role of terrain geometry in eruptive bushfire behaviour’.
- Colin Simpson (UNSW Canberra) and Marwan Katurji (University of Canterbury, New Zealand) have been awarded an Intersect HPC Resource Allocation of 320 000 processor hours from the National Computing Facility, for their project entitled ‘Numerical investigation of the impact of low-level jets on fire behaviour’.

University of Sydney

- Geoffrey Vasil was awarded a Discovery Early Career Researcher Award (DECRA) for 2014–2016.
- Samuel Mueller, Stephan Tillmann, and Ruibin Zhang were awarded Discovery Projects for funding commencing in 2014.

- Leo Tzou was awarded a Future Fellowship for 2013–2017
- Leon Poladian was awarded funding as a co-Chief Investigator for the Office for Learning and Teaching proposal ‘Development and implementation of MathBench for Australian universities to improve quantitative skills of science and mathematics students’.
- Alex Molev was awarded a University Bridging Grant for 2014.

University of Western Australia

- Professor Cheryl Praeger has been elected Foreign Secretary of the Australian Academy of Science for four years from June 2014.
- S.P. Glasby, A.C. Niemeyer and C.E. Praeger were awarded ARC discovery project DP140100416, Finite linearly representable geometries and symmetry.

University of Wollongong

- Dr Jiakun Liu has been awarded a DECRA for his project ‘Fully nonlinear partial differential equations in optimisation and applications’.
- Prof Song-Ping Zhu and Dr Wenting Chen have been awarded a Discovery Grant for a project entitled ‘The effect of bans on short selling: a comprehensive study’.
- Dr Caz Sandison and A/Prof Annette Worthy were part of a successful OLT project led by Prof Merrilyn Goos and Prof Joseph Grotowski at the University of Queensland, entitled ‘Inspiring mathematics and science in teacher education’.

Appointments, departures and promotions

University of Adelaide

- Melissa Tacy (Northwestern U.) has joined as Lecturer in Pure Mathematics.

La Trobe University

- Geoff Prince has been promoted to Professor at La Trobe University. He resigned from La Trobe University in January 2014, and will now be full time at AMSI. He will remain affiliated with La Trobe in an honorary capacity.
- Theodoros Kouloukas has been appointed as Research Officer until the end of 2014.
- Dimetre Triadis has finished a one-year appointment as Lecturer (Level B).

Monash University

- Dr Thomas Hall and Dr Boris Miller both retired from the School of Mathematical Sciences at the end of 2013, but remain in the school on adjunct appointments.
- Prof Louis Moresi has moved to a Research Professorship at University of Melbourne.
- Dr Jennifer Flegg has commenced as Lecturer. Jennifer's research interests include applying mathematical techniques to biological processes, such as wound healing, tumour growth and malariology. Other research interests include undergraduate mathematics education.
- Dr Mark Flegg has commenced as Lecturer. Mark's research interests are in applied mathematics, mathematical biology (cellular and developmental), modelling of particle and molecular kinetics and interactions, mathematical modelling of ultrasound.
- Dr Bernhard Mueller has commenced as Lecturer. Bernhard's research interests lie in the field of computational astrophysics with an emphasis on general relativistic hydrodynamics and neutrino transport in core-collapse supernovae.
- Dr Kay Shelton has commenced as Research Fellow. Kay's research interests include tropical meteorology, tropical cyclones, intraseasonal and interannual variability, weather in climate models.
- Dr Yi (Vivian) Huang has commenced as a Research Fellow. Vivian's areas of interest include cloud microphysics, remote-sensing and in-situ measurements of clouds and precipitation, numerical forecasting, boundary layer meteorology.
- Dr Alison Demaria has commenced as MAXIMA Program Manager. MAXIMA is the Monash Academy for Cross and Interdisciplinary Mathematical Applications, and was launched in September 2013 (see *Gaz. Aust. Math. Soc.* **40**(5), p. 338).
- Ian Wanless has been promoted to Professor (Level E) with effect from January 2014.

University of Melbourne

- Aurore Delaigle has been promoted to Professor.

University of NSW

- Peter Brown has been promoted to Senior Lecturer.

Queensland University of Technology

- Professor Steven Stern joins us from the Australian National University, commencing this year as the Australian Bureau of Statistics Professor of Statistics.
- Dr Gentry White started his position as Lecturer in the School after previously working as a research fellow with Professor Tony Pettitt at QUT and prior to that in the Institute for Social Science Research at the University of Queensland.

- Dr Robyn Araujo commenced as Lecturer in February. Robyn joins us from the Center for Applied Proteomics and Molecular Medicine at George Mason University in Virginia, USA.

University of Melbourne

- Dr Alysson Costa has been appointed as Lecturer (Operations Research).
- Dr Charl Ras has been appointed as Lecturer (Operations Research).
- Dr Steven Tobin has been appointed as Research Fellow.
- Dr Hassan Doosti has left the university.
- Dr Stephen Griffeth has left the university.
- Dr Martina Lanini has left the university.
- Dr Trevor Welsh has left the university.

University of New South Wales, Canberra

- New Visiting Fellow (Adjunct Professor) Bob Cechet is working with Jason Sharples on bushfire-related projects.

University of Southern Queensland

- Dr Christine McDonald has been promoted from Level B to C.
- Dr Trevor Langlands has been promoted from Level B to C.
- Dr Jamie Shield has been promoted from Level B to C.
- Associate Professor Linda Galligan has been promoted from Level C to D.

University of Sydney

- David Ivers has been promoted to Associate Professor.
- Emma Carberry has been promoted to Senior Lecturer.
- Peter Kim has been promoted to Senior Lecturer.
- Sheehan Olver has been promoted to Senior Lecturer.
- John Ormerod has been promoted to Senior Lecturer.
- James Parkinson has been promoted to Senior Lecturer.
- Stephan Tillmann has been promoted to Senior Lecturer.

University of Western Australia

- Dr Neil Gillespie left his position of Research Associate in October 2013 to take up a position at the University of Bristol, UK.
- Dr Miccal Matthews commenced on 6 January 2014 as Assistant Professor.

University of Wollongong

- Professor Song-Ping Zhu has been appointed Head of School.
 - Dr Glen Wheeler has been appointed to a continuing position.
 - Dr Marianito Rodrigo has been promoted to Senior Lecturer.
 - Dr Shuaian Wang has completed probation and been confirmed as Lecturer.
 - Dr Nathan Brownlowe has had his fixed-term contract confirmed.
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New Books

Deakin University

Batten, L.M. (2013). *Public Key Cryptography: Applications and Attacks*. John Wiley, Hoboken, NJ.

Flinders University

Avrachenkov, K.E., Filar, J.A. and Howlett, P.G. (2013). *Analytic Perturbation Theory and Its Applications* Society for Industrial and Applied Mathematics, Philadelphia, PA. (See <http://www.ec-securehost.com/SIAM/OT135.html>.)

University of New South Wales

Lord, S., Sukochev, F. and Zanin, D. (2013). *Singular Traces: Theory and Applications* (Stud. Math. **46**). de Gruyter, Berlin.

Conferences and Courses

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

Statistical Modelling and Analysis in Big Data Workshop

Date: 24 February 2014

Venue: QUT

Website: <http://nanos2013.qut.edu.au>

Big data is now endemic in business, industry, government, environmental management, medical science, social research and many other fields. One of the challenges is determining how to effectively model and analyse these data. This workshop brought together international experts in statistical modelling and analysis of big data, to share their experiences, approaches and opinions about future directions in this field.

Program and abstracts

The workshop program (http://nanos2013.qut.edu.au/downloads/big_data_workshop_program.pdf) featured speakers from Australia, the UK and the USA, drawn from universities, research institutions and government agencies.

Computational & Algorithmic Topology

Date: 2–4 April 2014

Venue: The University of Sydney

Website: <http://www.maths.usyd.edu.au/u/tillmann/cats2014>

Speakers

- Mark Bell (University of Warwick)
- Ben Burton (The University of Queensland)
- Nathan Dunfield (University of Illinois at Urbana-Champaign)

- Stefan Friedl (University of Regensburg)
- Joachim Gudmundsson (The University of Sydney)
- Joan Licata (Australian National University)
- Jessica Purcell (Brigham Young University)
- Hyam Rubinstein (The University of Melbourne)
- Saul Schleimer (University of Warwick)
- Jonathan Spreer (The University of Queensland)

Synopsis

This workshop at the University of Sydney will bring together experts and emerging researchers from Australia, the USA and Europe to report on recent results and explore future directions in computational and algorithmic topology. There will be a focus on problems in low-dimensional geometry and topology, and on the development of practical algorithms and their implementation. This is an area with an abundance of computational and algorithmic challenges, where practical solutions to many solvable problems, such as the homeomorphism problem, remain elusive.

Five of the ten speakers develop freely available software to assist in their theoretical research or in the analysis of their algorithms and computational techniques. This workshop aims to stimulate interaction between researchers in order to bring about new collaborations on difficult problems that cannot be tackled from one viewpoint alone.

Registration: Please register by emailing stephan.tillmann@sydney.edu.au.

Constructive Optimisation

Date: 16–17 April 2014

Venues: 16 April, Federation University Australia, Ballarat
17 April, RMIT University, Melbourne

Website: <http://constructiveoptimisation.wordpress.com/>

This two-day workshop is being held in honour of Professor Vladimir Demyanov's 75th birthday. It will be an intensive working meeting focussed on Nonsmooth Optimisation and adjacent fields, areas in which Australia is making a growing and visible international contribution. The main goal of this workshop is to connect researchers from adjacent areas, promoting discussion, new collaborations and introducing early-career researchers and students to different perspectives and directions of research in the field.

Professor Demyanov has made an immeasurable contribution to the field of nonsmooth optimisation, and his pioneering constructive techniques have made a significant impact on optimisation research in Australia. He has been working with a number of prominent Australian researchers, from Federation University, UNSW, RMIT, Swinburne and elsewhere. In particular, some of his most significant contributions to the field were made in collaboration with the late Professor Alex Rubinov.

If you are interested in participating, please contact us via the contact form on the website, or email us at constructiveoptimisation@gmail.com.

Cell Based and Individual Based Modelling (CBIBM)

Venue: Pullman Cairns International, Cairns

Date: 10–12 June 2014

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

Deadline for abstract submission: 7 March 2014.

This is the final call for abstracts for presentation at this workshop. The workshop will be taking place as part of the 2014 International Conference on Computational Science in Cairns, Australia, and covers all aspects of cell-based and individual-based modelling and simulation, from methodological or tool developments through to applications of cell-based models.

2014 AMSI Winter School on Contemporary Aspects of Cryptography

Venue: University of Queensland

Date: 7–18 July 2014

Website: <http://mathsofplanetearth.org.au/2014-winter-school/>

GAGTA8: Geometric and Asymptotic Group Theory with Applications

Date: 21–25 July 2014

Venue: Newcastle, Australia

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

This 2014 edition of the highly successful conference series, GAGTA will take place in Newcastle Australia. GAGTA is a series of conferences organised periodically, since 2005, by researchers in Group Theory all over the world.

For more information, please 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/>

This workshop will bring together leading international and Australian researchers as well as early-career researchers and PhD students, in Harmonic Analysis and related areas. For further details, see the website, or *Gazette* 40(5), p. 354.

International Congress of Mathematicians

Date: 13–21 August 2014

Venue: Seoul, Korea

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

Note that the abstract submission deadline for the SEOUL ICM 2014 has been extended to 14 March 2014.

Registration will be available onsite, but discounts are offered for Advance Registration (by 10 July 2014) and early Advance Registration (by 10 May 2014).

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>

Contributed talks to the 38th ACCMCC will be sought from all areas of discrete and combinatorial mathematics and related areas of computer science.

The invited speakers are

- Mike Atkinson (University of Otago)
- Simeon Ball (Universitat Politècnica de Catalunya)
- Alice Devillers (University of Western Australia)
- Jaroslav Nesetril (Charles University)
- Sergey Norin (McGill University)
- James Oxley (Louisiana State University)
- Andrew Thomason (University of Cambridge)
- Mark Wilson (University of Auckland)
- Stefan van Zwam (Princeton University)

At this stage, the website contains only basic information. Information will be added as we get closer to the start date, so bookmark the page now. A further announcement will be made when registration opens. Please email queries to the head of the organising committee, Dillon Mayhew (dillon.mayhew@msor.vuw.ac.nz).

8th Australia–New Zealand Mathematics Convention

Date: 8–12 December 2014

Venue: University of Melbourne

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

This is a joint Australia–New Zealand meeting, incorporating the 2014 Australian Mathematical Society meeting and the 2014 New Zealand Mathematics Colloquium. The 2014 ANZAMP annual meeting will also be incorporated into this meeting as a special session.

Plenary speakers

- Rosalind Archer (University of Auckland, NZ)
- Mark Gross (University of California, San Diego, USA)
- John Hearn (RMIT, Australia), ANZIAM Lecturer
- Nicolas Monod (École Polytechnique, Switzerland)
- Robert Penner (Caltech, USA and Aarhus, Denmark)
- Jill Pipher (Brown University, USA)
- Nicolai Reshetikhin (University of California, Berkeley, USA)
- Hyam Rubinstein (University of Melbourne, Australia)

- Nina Snaith (University of Bristol, UK), Hanna Neumann lecturer
- Mariel Vazquez (San Francisco State University, USA)

Director: P.T. Norbury (University of Melbourne)

Vale

Peter Derrick Finch

Emeritus Professor Peter Derrick Finch, the Foundation Professor of Mathematical Statistics at Monash University, passed away at the age of 85 on 4 January 2014. A more detailed obituary appears on the Monash website, <http://monash.edu/news/show/vale-peter-finch>.

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.

Prof Edward Bierstone; Toronto; 10–31 March 2014; pure; USN; Laurentiu Paunescu

Toralf Burghoff; University of Jena, Germany; 2 April 2013 to 31 March 2014; UOM; Kostya Borovkov

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

Mr Romain Couvreur; École Normale Supérieure, France; 1 February to 1 August 2014; UMB; Paul Pearce

A/Prof Nathan Dunfield; University of Illinois, USA; 3 February to 20 April 2014; UMB; Craig Hodgson

Dr Lance Fiondella; University of Massachusetts, USA; April to August 2014; computer science; RMIT; P. Zeephongsekul

Prof Martin Hazelton; Massey University, New Zealand; 10–14 February 2014; UWA; Adrian Baddeley and Gopal Nair

Ms Hong Diem Huynh; Cantho College, Vietnam; three weeks in April/May 2014; optimisation; FedUni; Alex Kruger

Prof Bruno Iochum; University of Provence; 21 April to 11 May 2014; mathematical physics; UWG; Adam Rennie

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

Dr Uli Kraehmer; University of Glasgow; 22 March to 6 April 2014; noncommutative algebra; UWG; Adam Rennie

Prof Elena Kulinskaya; University of East Anglia, UK; 28 January to 30 April 2014; UMB; Richard Huggins

Hou Lvlin; National University of Defense Technology, PR China; 11 November 2013 to 11 November 2014; UWA; Michael Small

Prof Dugald MacPherson; University of Leeds; 7–28 February 2014; UWA; Cheryl Praeger

Hans D. Mittelmann; Arizona State University; March 2014; optimization; FedUni; Adil Bagirov

Yolanda Moreno; University of Extremadura; June 2014; functional analysis; FedUni; David Yost

Tanmoy Paul; Indian Institute of Technology, Hyderabad; 16 May to 15 July 2014; functional analysis; FedUni; David Yost

Priya Prunglerdbuathong; Chulalongkorn University, Thailand; 2–8 March 2014; optimisation; FedUni; David Gao

Prof Jessica Purcell; Brigham Young University; 21 December 2013 to 20 August 20 2014; UMB; Craig Hodgson

Mr Fazli Rabbi; 31 January to 31 July 2014; stats; USN; Samuel Mueller

A/Prof Jakob G. Rasmussen; Aalborg University, Denmark; 10–14 February 2014; UWA; Adrian Baddeley and Gopal Nair

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

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

Binzhou Xia; Peking University; 1 September 2012 to 20 March 2014; UWA; Cai Heng Li

Assoc Prof Jin-Xin Zhou; Beijing Jiaotong University; 16 November 2013 to 16 November 2014; UWA; Cai Heng Li

Prof Paul Zinn-Justin; Centre National de la Recherche Scientifique, France; 10 February to 20 April 2014; UMB; Jan de Gier
