News

General News

The Asia-Pacific Consortium of Mathematics-for-Industry (APCMfI)

In order to enhance the image and importance of the Mathematics-for-Industry concept, while taking advantage of the common time zone in the Asia-Pacific region, the idea of having an Asia-Pacific Consortium of Mathematics-for-Industry (APCMfI) was launched in early 2014. The *Gazette* [42, no. 2 (2014) 85–86] previously included a report on planning for APCMfI. We can now announce that the APCMfI has a website (http://apcmfi.org/) where one can join as a member. The benefits of being a member, industrial mathematics activities, etc. are listed.

In a nutshell, the image, role and importance of mathematics to society depends crucially on enhancing the employment opportunities for mathematics students. Key goals of APCMfI include

(i) the enhancement of such employment opportunities throughout the Asia-Pacific region;

(ii) exploration for and exploitation of new mathematical opportunities arising from collaboration between industrial, scientific, technological and social science partners;

(iii) examining how the results of modern developments in fundamental and abstract mathematics generate new insight about the solution of real-world problems.

The two way interaction between industry and mathematics is highlighted by the Mathematics-in-Industry and Mathematics-for-Industry (MfI) activities, with the former responding with mathematics to the questions and needs of industry, while a key focus for the latter is preparing mathematics students to undertake employment in industry.

Members and potential members are encouraged to visit the website for further details.

Completed PhDs

Federation University

- Dr Ghasem Ezzati, *Reliability-based design optimisation methods in large scale systems*, supervisors: David Yost and Sid Kulkarni.
- Dr Mahdi Zarei, *Development and evaluation of optimization based data mining techniques for analysis of brain data*, supervisors: Zari Dzalilov and Adil Bagirov.

Monash University

- Dr Ahsan Jaleel, *Constructing free resolutions of cohomology algebras*, supervisor: Andrew Percy (School of Applied Sciences & Engineering, Gippsland campus).

RMIT University

- Dr Jacobien Carstens, *Topology of complex networks: models and analysis*, supervisors: Kathy Horadam and Asha Rao.
- Dr Martijn Van Der Merwe, *An optimisation approach for assigning resources to defensive tasks during wildfires*, supervisors: John Hearne, Melih Ozlen and James Minas.

University of New South Wales

- Dr Boris Beranger, *Modelling the dependence structure of multivariate and spatial extremes*, supervisor: Scott Sisson.
- Dr Jieyi (Amy) He, *Detecting and modelling serial dependence in non-Gaussian and non-linear time series*, supervisor: William Dunsmuir.
- Dr Thomas Watson, *On aspects of numerical ergodic theory — stability of Ulam's method, computing Oseledets subspaces, and optimal mixing*, supervisor: Gary Froyland.

Awards and other achievements

University of Adelaide

- Elder Professor Mathai Varghese will deliver the 2016 Herbert Howe Lecture series at the University of Denver on 19 May.
- Elder Professor Mathai Varghese was appointed Associate Editor, *Journal of Geometry and Physics* on 1 February 2016.
- David Skene won the Tuck Fellowship recently; see http://iwwwfb.org/Tuck/tuckrecipients.htm.

University of Sydney

- Adrianne Jenner jointly won the T.M. Cherry Prize for the best student talk at the ANZIAM 2016 Conference in Canberra.
- Padraic Gidney, a Vacation Research Scholar, won the prize for best talk on the second day at AMSI's Big Day In in Melbourne.

Appointments, departures and promotions

Australian National University

- Dr David Ridout departed on 13 March, to take up a position at the University of Melbourne.

Monash University

New staff

- Dr Ivan Guo
- Dr Jim Woodcock
- Dr Rajko Nenadov
- Dr Michael Payne

RMIT University

- Dr Haydar Demirhan has been appointed Lecturer in Analytics. He joins RMIT from Hacettepe University, Turkey, where he was an associate professor of statistics. His main research topics include Bayesian inference, categorical data analysis, cryptographic randomness, and statistical models for environmental problems. He has published more than 30 peer-reviewed research articles on Bayesian analysis of categorical data, Bayesian model selection, Bayesian approaches in quality control, group sequential test designs, Monte Carlo simulation, and solar radiation modelling. He has also expertise in statistical computing; he has published two R-packages and related peer-review articles. He brings his experience in undergraduate and postgraduate teaching in Bayesian statistics, statistical methods, Monte Carlo simulation, and probability theory.

University of Melbourne

New staff:

- Dr Anita Ponsaing (Research Fellow)
- A/Prof Stephen Leslie (Associate Professor)
- Dr Damjan Vukcevic (Research Fellow)
- Dr Allan Motyer (Research Fellow)
- Dr Joyce Zhang (Lecturer)
- Dr David Ridout (Lecturer)
- Mr Eric Zhou (Research Fellow)
- Ms Inna Lukyanenko (Research Fellow)

Departed staff:

- Ms Elizabeth Bailey (Transition Specialist)

University of New South Wales

New staff:

- Daniel Mansfield (PhD from UNSW) has been appointed as associate lecturer
- Joshua Capel (PhD from UNSW) has been appointed as associate lecturer
- Jia Deng, who has a PhD from the University of Calgary, Canada, has been appointed as a lecturer in the Department of Statistics
- Renata Rendek, who has a PhD in Mathematics from UTS, Sydney, has been appointed as a lecturer in the Department of Statistics
- Our teaching fellow for 2016 is Paul Hancock, who comes to UNSW for the year from Woonona High School

New postdocs:

- Boris Beranger, PhD UNSW (supervisor: Scott Sisson)
- Paulina Cetina-Heredia, PhD in Oceanography, James Cook University (supervisor: Moninya Roughan)
- ShiShivanesh Rao, PhD in Physical Oceanography, Earth Sciences, University of New Hampshire (supervisor: Moninya Roughan)
- Wesley Brooks, PhD in Statistics, University of Wisconsin (supervisor: David Warton)
- Loic Thibaut, PhD in Marine Biology, James Cook University (supervisor: David Warton)
- Davor Dragicevic, PhD in Mathematics, Instituto Superior Tecnico, Portugal (supervisor: Gary Froyland)
- Maike Massierer, PhD in Mathematics, Universitat Basel, Switzerland (supervisor: David Harvey)
- Huy Chieu Nguyen, PhD in Mathematics, Instute of Mathematics, Vietnam (supervisor: Jeyakumar)
- Tristan Sasse, PhD UNSW (supervisor: Mark Holzer)
- Kosuke Suzuki, PhD Mathematical Sciences, University of Tokyo (supervisor: Josef Dick)
- Takehito, Yoshiki, PhD in Mathematical Sciences, University of Tokyo (supervisor: Josef Dick)
- Dinh Thi Tran, PhD in Mathematics, La Trobe University (supervisor: John Roberts)

University of Sydney

- Sheehan Olver has been promoted to Associate Professor.

University of Western Australia

- Dr Gabriel Verret finished on 5 April 2016, to start a position at University of Auckland.

University of Wollongong

- Dr Nathan Brownlowe and Dr Ivan Guo have left the university.

New Books

Federation University

Zhang, J. (2015). *Molecular Structures and Structural Dynamics of Prion Proteins and Prions: Mechanism Underlying the Resistance to Prion Diseases.* Springer, Focus on Structural Biology, Volume 9. ISBN: 978-94-017-7317-1 (print) 978-94-017-7318-8 (online).
http://link.springer.com/book/10.1007%2F978-94-017-7318-8

University of Western Australia

Burness, T.C. and Giudici, M. (2016). *Classical Groups, Derangements and Primes.* Australian Mathematical Society Lecture Series: 25. Cambridge University Press, Cambridge. ISBN: 978-1-107-62944-8.

Conferences and Courses

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

ANU Maths Day 2016

Date: 20 May 2016
Venue: Melville Hall, Ellery Crescent, The Australian National University

Young maths enthusiasts from across the region are invited to battle it out in a test of mind and muscles at ANU Maths Day. In teams of five, year 12 students take part in mathematical challenges designed to build teamwork skills and promote a love of maths. The day is divided into four challenges:

- a group of story problems
- a swiss 'find the rule' problem
- a cross number puzzle
- and the day's highlight, the relay — a test of brainpower and physical stamina.

ANU Maths Day has been running in the ACT since 1982. The University's competition includes contestants from schools in Canberra, Wollongong, the South Coast, Southern Highlands and Sydney. The day gives the students a chance to meet another 160 like-minded young people who are into mathematics, which is particularly important for people from smaller schools.

ANU Maths Day isn't all about being the cleverest or the brightest. Activities are formulated to ensure that everyone can have a go and have fun while taking part in some healthy and rigorous competition.

STEMS 2016

Dates: 2–3 June 2016
Venue: University of Technology Sydney
Web: STEMS2016.com

The Statistical Society of Australia (SSA), via its Statistics Education Section, is hosting a two-day colloquium and workshop to develop a platform for the transformation of Statistics Education in Australia, in response to an increasingly massive demand for statisticians and an equally massive shortfall in supply. Please consider the program at the website; it includes speakers and representatives from: Harvard University; Office of Prime Minister and Cabinet; Commonwealth Bank of Australia; Qantas; ACARA, ACEMS, ABS, AMSI, NSW BOSTES, SSA; and will include a Panel Discussion session including Q&A floor discussion, followed by exploration of ideas and a workshop to develop and initiate a plan of action for progressing Statistics education in Australia.

Associated FREE public seminar: 'National and local initiatives in Statistics Education', 1 June
Speaker: Dr Peter Howley
Details: https://stems2016.com/pre-colloquium-seminar/

MATRIx: Higher structures in geometry and physics

Dates: 5–18 June 2016
Venue: University of Melbourne, Water Street, Creswick, Victoria
Web: http://www.matrixatmelbourne.org.au/events/higher-structures-
       in-geometry-and-physics/

Associated workshop: Higher categories, higher operads and properads, 6–10 June 2016.

For recent updates, please see the website.

Probabilistic and Extremal Combinatorics Downunder

Dates: 13–17 June 2016
Venue: Monash University, Melbourne
Web: http://users.monash.edu.au/~davidwo/Downunder/

For further details, please see *Gazette* 43(1) p. 60.

MATRIx: Winter of disconnectedness

Dates: 27 June–8 July 2016
Venue: University of Melbourne, Creswick campus, Water Street, Creswick, Victoria
Web: http://www.matrixatmelbourne.org.au/events/winter-of-disconnectedness/

Associated event: Disconnected Groups, 27–30 June 2016.

For further details, please see *Gazette* 43(1) p. 60.

USMaC 2016: Universal Structures in Mathematics and Computing

Dates: 27 and 28 June 2016
Venue: La Trobe University, city campus (Collins Street, Melbourne)
Web: http://usmac.ltumathstats.com

This workshop aims to bring together researchers working in category theory, logic, universal algebra, relational and graph theoretic foundations for computer science and mathematics in order to highlight recent advances in these fields and to facilitate dialogue between the different camps. Of particular interest is work which spans two or more of these areas.

Keynote Speakers:

- Rob Goldblatt (Victoria University of Wellington)
- Walter Guttmann (University of Canterbury)
- Michael Johnson (Macquarie University)
- Tim Stokes (University of Waikato)
- Yoshihiro Mizoguchi (Kyushu University)

Please see the workshop website for futher details on registration (which is free), submission of talks, topics of interest and accommodation details. Limited travel support is available for students.

The workshop is sponsored by La Trobe University's Discipline Research Program in Mathematical and Computing Sciences.

BAM 2016: 4th Biarri Applied Mathematics Conference

Dates: 28–29 June 2016
Venue: QUT, Brisbane
Web: http://bamconf.com/

For further details, please see *Gazette* 43(1) p. 61, visit the website, or enquire through bam@biarri.com.

Mathematics-in-Industry for New Zealand-Study Group: 2016

Dates: 4–8 July 2016
Venue: Victoria University of Wellington, Wellington, New Zealand
Web: http://www/minz.org.nz

The MINZ-SG 2016 meeting is jointly held with counterparts in Japan, thanks to the support of the Japanese Society for the Promotion of science. There are now six problem challenges expected and details are appearing on the website. One is from Japan.

The event is free and plenty of fun. Invited speakers include Professor Andrew Fowler of Limerick/Oxford, Dr Mary Quinn, CEO of Callaghan Innovation, PVC Science VUW Mike Wilson, and Japanese Ambassador Takata. More background can be seen on the YouTube video https://www.youtube.com/channel/UCBdlFH Z1WA4kiy3WQABUGjA.

Winter School on Health and Environmental Modelling

Dates: 4–15 July 2016
Venue: The University of Queensland
Web: http://amsi.org.au/ws

Registration closing date is 19 June.

For recent updates, please see the website.

The 13th Australasian Conference on Mathematics and Computers in Sport

Dates: 11–13 July 2016
Venue: City Conference Centre of Victoria University, Flinders Street, Melbourne
Web: http://www.anziam.org.au/The+13th+Australasian+Conference+on+
　　　Mathematics+and+Computers+in+Sport

For further details, please see the website or *Gazette* 43(1) pp. 62–63.

MATRIx: Approximation and optimisation

Dates: 11–15 July 2016
Venue: University of Melbourne, Creswick campus
Web: http://www.matrixatmelbourne.org.au/events/
　　　approximation-and-optimisation-3/

Associated event: Mathematical Optimisation Down Under (MODU2016).
Dates: 18–22 July 2016
Venue: Radisson Hotel, 380 William Street, Melbourne, Victoria
Web: http://www.modu2016.org/

For further details, please see the websites or *Gazette* 43(1) pp. 64–65.

Ergodic Theory and its Applications

Dates: 18–22 July 2016
Venue: School of Mathematics and Statistics, The University of Sydney
Web: http://www.maths.usyd.edu.au/ET2016/

For further details, please see the website or *Gazette* 43(1) pp. 64–65 or contact one of the organisers, Alexander Fish (alexander.fish@sydney.edu.au) and Mumtaz Hussain (mumtaz.hussain@newcastle.edu.au).

MATRIx: Refining C*-algebraic invariants for dynamics using KK-theory

Dates: 18–29 July 2016
Venue: University of Melbourne, Creswick campus
Web: http://www.matrixatmelbourne.org.au/events/refining-c-algebraic-invariants-for-dynamics-using-kk-theory/

Associated event: KK Theory and Dynamics
25–29 July 2016

For further details, please see the website or *Gazette* 43(1) p. 66.

Geometry at ANU

Venue: The Australian National University
Dates: 15–26 August 2016
Web: http://research.amsi.org.au/events/event/geometry-at-anu/

For further details, please see the website or *Gazette* 43(1) p. 66.

Topological Matter, Strings, and K-theory

Dates: 5–9 September 2016
Venue: The University of Adelaide
Web: http://research.amsi.org.au/events/event/topological-matter-strings-and-k-theory/

For further details, please see the website or *Gazette* 43(1) p. 67.

Boden Research Conference 2016

Animal, Vegetal, Mineral? Emergence and Function of Complex Shapes in Self-Assembly and Biological Cells

Dates: 18–23 September 2016
Venue: Cave House Hotel, Yallingup, Western Australia
Web: http://animal-vegetal-mineral.org/

Complex nanostructures abound in biological tissue and related synthetic soft materials. These convoluted forms remain largely unexplored, both in terms of how and why they emerge, and undoubtedly involve interplay of biology in vivo with physicochemical factors at work *in vitro*.

'Animal Vegetal Mineral' will be an interdisciplinary forum to discuss and attempt to demarcate the similarities and differences between structure formation mechanisms in biological materials and synthetic soft self-assembled materials. We invite and welcome interested scientific researchers from biology, chemistry, materials science, physics and mathematics to join us for an open-minded exploration of the relations between shape, structure formation and function in biological tissue and nano- and mesostructured materials.

Topological Matter, Strings, K-theory and related areas

Dates: 26–30 September 2016
Venue: Adelaide
Web: http://www.iga.adelaide.edu.au/workshops/WorkshopSep2016/

For further details, please see the website.

ATIS 2016, the 7th International conference on Applications and Techniques in Information Security

Dates: 26–28 October 2016
Venue: CQU, Cairns
Web: http://www.atis2016.conferences.academy/

Deakin University and Central Queensland University are jointly organising this conference.

Papers are due by 1 July 2016, and, upon acceptance, will be published in Springer's Communications in Computer and Information Science Series.

Mathematical Methods for Applications

Date: 11–14 November 2016
Venue: Hangzhou, China
Web: http://www.anziam.org.au/ZPAMS

For further details, please see the website or *Gazette* 43(1) p. 68.

International Conference on Nonlinear Partial Differential Equations

Dates: 21–25 November 2016
Venue: University of New England, School of Science and Technology
Web: http://sydney.edu.au/science/maths/u/PDESeminar/nlpde2016/

For further details, please see the website or *Gazette* 43(1) p. 68.

Computational Techniques and Applications Conference (CTAC) 2016

Date: 27–30 November 2016
Venue: Monash (Caulfield campus)
Web: http://www.monash.edu/ctac2016/

Important dates:
- Registration open on 9 May
- Early-bird registration deadline: 30 September
- Registration closing date: 18 November
- Deadline for abstract submission: 28 October

See the conference website for more information.

Organisers: Simon Clarke and Jerome Droniou

BioInfoSummer 2016

Dates: 28 November to 2 December 2016
Venue: The University of Adelaide
Web: http://amsi.org.au/events/event/bioinfosummer-2016/

The BioInfoSummer series introduces bioinformatics and mathematical and computational biology to advanced undergraduate and postgraduate students, researchers and professionals working in the fields of mathematics, statistics, computer science, information technology, complex systems analysis, and biological, chemical and medical sciences and engineering.

Themes that will be discussed include:

- Bionformatics introduction for Biologists and Mathematicians
- Basics of high dimensional data and multivariate analysis
- Analysing long read (third generation) sequencing data and eukaryotic whole genome sequencing
- RNAseq experimental design and analysis
- Coding for bioinformatics

MATRIx: Interactions between topological recursion, modularity, quantum invariants and low-dimensional topology

Dates: 28 November to 23 December 2016
Venue: University of Melbourne, Water Street, Creswick, Victoria

Associated events:

- Quantum Invariants and Low-dimensional Topology
  14–17 December 2016
- Topological Recursion and Modularity
  19–23 December 2016
  Web: http://www.matrixatmelbourne.org.au/events/interactions-between-topological-recursion-modularity-quantum-invariants-and-low-dimensional-topology/

For further details, please see the website or *Gazette* 43(1) p. 69.

Maths Fest Australia 2016

Dates: 28 November to 16 December 2016
Venue: Canberra

Incorporating

- Advances in Ergodic Theory, Hyperbolic Dynamics, and Statistical Laws
  Dates: 28 November to 2 December 2016
- 60th Annual Meeting of the Australian Mathematical Society
  Dates: 5–8 December 2016
  Venue: The Australian National University
- Nonlinear and Geometric Partial Differential Equations
  Dates: 9–13 December 2016

Details of these three conferences are listed individually below.

Advances in Ergodic Theory, Hyperbolic Dynamics & Statistical Laws

Dates: 28 November to 2 December 2016
Venue: ANU, Canberra
Web: http://research.amsi.org.au/maths-fest-australia-2016/

Part of Maths Fest Australia 2016, this workshop will bring together experts in probabilistic and deterministic dynamics, as well as in applications, from around the globe this first workshop will allow transfer and exploitation of ideas and set the research agenda for the coming years.

Speakers:
- Viviane Baladi* (CNRS, France)
- Beniamin Goldys (Univ. Sydney)
- Andrew Hassell (ANU)
- Carlangelo Liverani (Rome Tor Vergata, Italy)
- Maria José Pacifico (UFRJ, Brazil)
- Mark Pollicott (Univ. Warwick, UK)
- Kavita Ramanan* (Brown University, USA)
- Jana Rodriguez Hertz (IMERL, Uruguay)
- Andrew Stuart (Univ. Warwick, UK)
- Eric Vanden-Eijnden* (Courant Inst. New York, USA)
- Amie Wilkinson (Univ. Chicago, USA)

*To be confirmed.

Workshop on Integrable Systems 2016

Dates: 1–2 December 2016
Venue: University of Sydney
Web: http://wp.maths.usyd.edu.au/igs/workshops/integrable-systems-2016/

This workshop is being organised by Nalini Joshi, Christopher Lustri, Milena Radnovic, Yang Shi, and Stephanie Swanson.

60th Annual Meeting of the Australian Mathematical Society

Dates: 5–8 December 2016
Venue: Canberra
Web: http://maths.anu.edu.au/events/austms-meeting-2016

Part of Maths Fest Australia 2016, the 60th annual meeting of the Australian Mathematical Society will be held by the Mathematical Sciences Institute at the Australian National University from the 5–8 December 2016.

Invited Speakers:
- Miranda Cheng, University of Amsterdam
- Alessio Figalli, ETH Zurich
- Kavita Ramanan, Brown University
- Simon Levin, Princeton University
- Andre Neves, Imperial College London
- Tomoyuki Arakawa, Kyoto University

- Adelle Coster, University of New South Wales
- Georg Gottwald, The University of Sydney
- Kari Vilonen*, Northwestern University
- Lesley Ward, University of South Australia
- Nicholas Wormald, Monash University
- Matthew Kennedy, University of Waterloo

*To be confirmed.

Organising Committee:
- Vigleik Angeltveit, Australian National University
- Joan Licata, Australian National University
- Brittany Shoard, Australian National University
- John Urbas, Australian National University (Chair)

Program Committee:
- Vladimir Gaitsgory, Macquarie University
- John Urbas, Australian National University (Director)
- Yihong Du, Univeristy of New England
- Frances Kuo, University of New South Wales
- Anthony Licata, Australian National University
- Giang Nguyen, The University of Adelaide
- Todd Oliynyk, Monash University
- Sheehan Olver, The University of Sydney
- Arun Ram, University of Melbourne

23rd Australian Statistical Conference 2016 in conjuction with 14th Australasian Data Mining Conference (AusDM) and 9th Australian Conference on Teaching Statistics (OZCOTS)

Dates: 5–9 December 2016
Venue: Hotel Realm, Canberra
Website: www.asc2016.com.au

For further details, please see the website or *Gazette* 43(1) p. 69.

Nonlinear & Geometric Partial Differential Equations

Dates: 9–13 December
Venue: ANU, Canberra
Web: http://research.amsi.org.au/maths-fest-australia-2016/

Part of Maths Fest Australia 2016, this workshop will gather researchers in the areas of geometric analysis and nonlinear and geometric partial differential equations, ranging from geometric variational problems to geometric flows and aspects of geometric PDE.

Speakers:
- Binglong Chen (Sun Yat-sen Univ, China)
- Jaigyoung Choe (KIAS, Korea)
- Alessio Figalli (ETH Zurich, Switzerland)
- Aiyana Fraser (Univ. British Columbia, Canada)
- Nicola Fusco (Uni. Naples Federico II, Italy)

- Gerhard Huisken (Tbingen/Oberwolfach, Germany)
- Fernando Coda Marques (Princeton Univ., USA)
- André Arroja Neves (Imperial College London, UK)
- Duong Phong (Columbia Univ, USA)
- Yoshihiro Tonegawa (Tokyo Inst. of Technology, Japan)
- Mu-Tao Wang (Columbia Univ., USA)
- Guofang Wei (UC Santa Barbara, USA)

ANZAMP 5th annual meeting

Dates: 1–3 February 2017
Venue: University of NSW
Web: http://www.anzamp.austms.org.au/events/

More information to come.

ANZIAM 2017

Dates: 5–9 February 2017
Venue: Hahndorf Resort, South Australia

Applied Probability at the Rock: An international workshop in celebration of Phil Pollett's 60th birthday

Dates: 17–21 April 2017
Venue: Ayers Rock Resort

AustMS 2017

Dates: 11–14 December 2017
Venue: Macquarie University

Vale

Robert Leonard Bish

Robert Leonard Bish of the Aeronautical and Maritime Research Laboratory, Mathematician, Materials Researcher and longstanding AustMS member, passed away on 14 February. An obituary appears in the Fairfax media, http://www.theage.com.au/comment/obituaries/despite-setbacks-maths-and-metal-researcher-kept-doing-what-he-loved-20160424-godzd5.html.

Joseph Mark Gani

With sadness we inform members of the death on 12 April of Professor Joe Gani, a Foundation Member of the Society and President from 1978 to 1980. An obituary will appear in a subsequent issue. Two interviews he gave are available at https://www.science.org.au/learning/general-audience/history/interviews-australian-scientists/interview-professor-joe-gani and http://www.jstor.org/tc/accept?origin=/stable/pdf/2246194.pdf.

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 David Allen; Edith Cowan; 1 August 2015 to 31 July 2016; statistics; USN; Shelton Peiris

Prof Fusheng Bai; Chongqing Normal University; 11 July to 16 September 2016; optimisation; FDU; Alex Kruger

Ms Clarissa Barco; Universidade Federal de Sao Carlos, Brazil; 4 April to 28 May 28 2016; UMB; Alysson Costa

Dr Udo Baumgartner; 7 August to 15 September 2016; pure; USN; Jacqui Ramagge

Prof Helen Byrne; Oxford; 17 July to 18 August 2016; applied; USN; Mary Myerscough

A/Prof Eric Chesebro; University of Texas at Austin; 1 March 2016 to 28 May 2016; pure maths; USN; Stephan Tillmann

Ms Giulia dal Verme; Università degli Studi di Milano-Bicocca, Milano, Italy; 15 September to 14 December 2016; pure; USN; Jacqui Ramagge

Prof Aris Daniilidis; University of Chile; 17–29 July 2016; optimisation; RMIT; Vera Roshchina

Mr Sayed Ahmadreza Raeisi Dehkordi; University of Isfahan, Iran; 16 January to 15 July 2016; optimisation; FDU; Adil Bagirov

Dr Wei Deng; Shanghai Maritime University, China; 15 December 2015 to 14 December 2016; optimisation; FDU; David Gao

Ms Soodabeh Asada Dezaki; Shahrekord University, Iran; 20 January to 20 July 2016; optimisation; FDU; Adil Bagirov

Prof Reinier Díaz Millán; Federal Institute of Goias, Goiania, Brazil; 1 January 2016 to 31 December 2016; optimization, variational inequality problem, inclusion problem, splitting methods; USA; Regina S. Burachik

Dr Philip Ernst; Rice University, USA; 1–31 May 2016; UMB; Peter Taylor

A/Prof Jianyu Han; Anhui University, PRC; 1 August 2015 to 31 July 2016; UMB; Guoqi Qian

Dr Cecile Hardouin; University of Paris at Nanterre; 25 January to 30 June 2016; spatial statistics; UOW; Noel Cressie

Ms Tatiana Hessab; URFJ, Brazil; 1 March to 10 August 2016; UMB; David Balding

Mr Cheng Hu; Shandong University; 20 November 2015 to 19 May 2016; statistics; Qiying Wang

Dr Genggeng Huang; Shanghai Jiao Tong University; 10 October 2015 to 9 October 2016; ANU; Xu-Jia Wang

Mr He Huang; Peking University; 1 September 2015 to 31 August 2016; UMB; Sanming Zhou

Mr Felix Huber; University of Stuttgart; 1 April to 1 September 2016; UMB; Professor Markus Hegland

Prof Kenji Iohara; Lyon; 14 October to 15 November 2016; Pure; USN; Gus Lehrer

Dr Napsu Karmitsa; Turku University, Finland; 2 January to 24 December 2016; optimisation; FDU; Adil Bagirov

Prof Jibin Li; Zhejiang Normal University, Jinhua, China; 25 September to 15 October 2016; SUT; nonlinear science and applications, dynamical systems; Tonghua Zhang

A/Prof Jingjian Li; Guangxi University P.R. China; January 2016 to January 2017; UWA; Cai Heng Li

Prof Jeff Linderoth; University of Wisconsin-Madison; 6–29 July 2016; integer programming and combinatorial optimisation; RMIT; Andrew Eberhard

Dr Xia Liu; Henan Normal University, China; 1 September 2016 to 31 August 2017; SUT; applied mathematics, dynamical systems; Tonghua Zhang

Prof Feng Luo; Rutgers University; 1–31 May 2016; pure; USN; Stephan Tillmann

Dr Tristan Mary-Huard; UMR AgroParisTech, France; 1 April to 31 August 2016; UMB; David Balding

A/Prof Kelly McKinnie; University of Montana; 1 March to 28 May 2016; pure; USN; Stephan Tillmann

Dr Dinkara Muthiah; University of Alberta; 28 April to 12 May 2016; pure; USN; Oded Yacobi

A/Prof Martin Olsen; Aarhus University, Denmark; 1–6 May 2016; combinatorial optimisation; RMIT; Marc Demange

Prof Michael Pecht; University of Maryland; 14 June to 26 July 2016; UWA; Ed Cripps and Melinda Hodkiewicz

Dr Jiangyan Peng; University of Electronic Science and Technology of China; 15 October 2015 to 14 October 2016; stats; USN; Qiying Wang

Prof Joan Porti; 24 April to 5 May 2016; Pure; USN; Stephan Tillmann

Dr John Power; University of Bath; 13 July to 29 August 2016; category theory and its applications in computer science; MQU; richard.garner@mq.edu.au

A/Prof Héctor Ramírez; University of Chile; 29 May to 5 June 2016; optimisation; RMIT; Vera Roshchina

Mr James Reoch; Adelaide; 3 August 2015 to 31 December 2017; applied; USN; Peter Sehoon Kim

Dr Salarian Mohammad Reza; Kharazmi University, Iran; 20 June to 11 July 2016; UMB; Sanming Zhou

Prof Steve Rosenberg; Boston University; August 2015 to June 2016; differential geometry in finite and infinite dimensions, particularly with applications to/from mathematical physics; UAD; srmathbu@gmail.com

Mr Landir Saviniec; University of Sao Paolo, Brazil; 1 November 2015 to 31 October 2016; UMB; Alysson Costa

Dr Martin Schmidt; University of Mannheim; 13 June to 15 July 2016; pure; USN; Emma Carberry

A/Prof Ilya Shvartsman; Penn State Harrisburg; 5 January to 30 June 2016; optimal control theory, nonlinear and nonsmooth analysis; MQU; Vladimir Gaitsgory

A/Prof Scott Sisson; UNSW; 4 April to 30 June 2016; stats; USN; Michael Stewart

A/Prof Kaibiao Sun; Dalian University of Technology, P.R. China; August 2015
to August 2016; biological system modeling, biological cybernetics, optimiza-
tion theory; SUT; Tonghua Zhang

Ms Ying-Ying Sun; Shanghai University; 9 September 2015 to 1 September 2016;
applied; Nalini Joshi

A/Prof Yuan Tian; Dalian University of Technology, P.R. China; August 2015 to
August 2016; mathematical biology; SUT; Tonghua Zhang

Dr Daniele Valeri; Yau Mathematical Sciences Center; 29 April to 29 May 2016;
pure; USN; Alexander Molev

A/Prof Cristian Virdol; Yonsei University; 14 July to 29 August 2016; pure; USN;
Laurentiu Paunescu

Ms Jun Wang; University of Science and Technology of China; 1 October 2015 to
1 March 2017; ANU; Ben Andrews

Prof Charles Weibel; Rutgers University, USA; 1–16 May 2016; UMB; Marcy
Robertson

Dr Jeroen Wouters; 25 February 2015 to 24 February 2017; applied; USN; Georg
Gottwald

Prof Zhiyou Wu; Chongqing Normal University; 11 July to 16 September 2016;
optimisation; FDU; Alex Kruger

Dr Ying Xu; Hefei University of Technology; 1 September 2015 to 31 August 2017;
pure; USN; Ruibin Zhang

Dr Dongyong Yang; University of Xiamen, Xiamen, China; July 2015 to June 2016;
harmonic analysis; MQU; Xuan Duong

A/Prof Hengyun Yang; Shanghai Maritime University; 16 January 2016 to 15 Jan-
uary 2017; pure; USN; Ruibin Zhang

Dr Enki Yoo; State University of New York at Buffalo; 18 January to 30 June
2016; geographic information science; UOW; Noel Cressie

Dr Junyong Zhang; Beijing Institute of Technology; 1 September 2015 to 31 Au-
gust 2016; ANU; Andrew Hassell

Mr Yang Zhang; Uni of Science and Technology, China; 1 October 2015 to 30
September 2017; pure; USN; Ruibin Zhang

Prof Jiandong Zhao; Ludong University, China; 1 June to 30 November 2016; dif-
ferential equations and mathematical biology; SUT; Tonghua Zhang

Hui Zhou; Peking University, PRC; September 2015 to March 2017; UWA; Cheryl
Praeger, Alice Devillers and Michael Giudici