



News

General News

Archives for distinguished fellows

The Kurt Mahler Archive was established in 2012 at <https://carma.newcastle.edu.au/mahler/> and reported on in detail in *Gazette* 41(1), pp. 11–21. A link has also been created from the Society's site.

The Society's Steering Committee suggests that it would be desirable to establish an archive for others, following the template used for Professor Mahler's. Natural candidates are deceased Fellows with prominent students who can lead the archival work. If you are interested in constructing such an archive please keep the Society informed through the AustMS secretary, Peter Stacey.

New Mathematics Education Special Interest Group

Deb King and Joann Cattlin are happy to announce the establishment of a new Mathematics Education SIG of the AustMS.

Over the past two years or so, there has been growing interest amongst mathematicians in tertiary mathematics education. This has been evident in the activities of research projects such as FYiMaths <http://fyimaths.org.au/> and mathsassess <http://mathsassess.org/> (both funded by the Office for Learning and Teaching) and conferences such as Delta (tertiary mathematics education), ACSME (Australian Conference for Science and Mathematics Education) and ANZMC8. We felt that the establishment of a Mathematics Education Special Interest Group was needed to ensure that AustMS members can contribute to, and be informed of, the current national discussions in tertiary mathematics education on issues including:

- Retention and progression of tertiary mathematics students
- Online learning and eLearning
- Declining lecture attendance and lecture recording
- Assessment in mathematics
- The challenges of teaching underprepared students and addressing high failure rates
- Transition from secondary to tertiary mathematics
- The declining number of students studying intermediate and advanced level mathematics in upper secondary school
- Increased teaching performance expectations
- Connections with the secondary education sector and the Australian Curriculum

The first meeting of the SIG will be held at the AustMS meeting at Flinders University (exact date yet to be confirmed). The interim Chair and Secretary will be Dr Deborah King and Joann Cattlin, both of The University of Melbourne. Expressions of interest will be sought for an interim Treasurer at the 2015 AustMS meeting. The group will not formally be established until first membership fees can be collected for the SIG in 2016, but we would like to start building membership now. If you would like to nominate to join this SIG please email Joann Cattlin (joann.cattlin@unimelb.edu.au). You will be able to nominate to officially join the SIG when you renew your AustMS membership next year.

Further details about the SIG will be available on the AustMS website in the near future.

Events at University of New South Wales

15 May: the UNSW School of Maths and Stats hosted its 10th annual ‘Girls Do The Maths’ workshop. This year saw an unprecedented number of registrations, with over 70 attendees. Girls Do The Maths is aimed at female students finishing their high school studies (years 11 and 12), and hopes to inspire them to consider mathematics as a career.

1 June: Professor Pierre Del Moral delivered his Professorial Inaugural Lecture. This talk was the third in the Lecture series, whereby all of UNSW’s newly promoted and recruited Professors are invited to deliver an Inaugural Lecture.

11 June: UNSW School of Maths and Stats hosted its Second Postgraduate Conference, now planned to be an annual event. This exciting day featured talks and poster presentations from 40 of our postgraduate students across diverse areas of maths and stats.

Free copies of the Journal and Bulletin

Cheryl Praeger (cheryl.praeger@uwa.edu.au) has a full collection of both the *Journal* and the *Bulletin*. She is moving to a much smaller office, so cannot keep them. If anyone is interested in all or some of them (to fill out an existing collection), please contact her. There is no cost, but the recipient would be responsible for the costs of transporting them from Perth.

Completed PhDs

ANU

- Dr Xi Chen, *The spectral measure on non-trapping asymptotically hyperbolic manifolds*, supervisor: Andrew Hassell.

La Trobe University

- Dr Waruni Abeysekera, *New recentered confidence spheres for the multivariate normal mean*, supervisors: Paul Kabaila and Davide Farchione.

- Dr Alexandra Garnham, *Improving modern dimension reduction methods through transformations*, supervisors: Luke Prendergast and Bob Staudte.
- Dr Naghmana Tehseen, *Geometric symmetry techniques for partial differential equations*, supervisors: Geoff Prince and Philip Broadbridge.

Queensland University of Technology

- Dr Jegar Pitchforth, *Bayesian networks for information synthesis in complex systems*, supervisor: Paul Wu.

University of Melbourne

- Dr Michael Neeson, *Compound drops*, supervisors: Derek Chan and Rico Tabor.
- Dr Caley Finn, *One-dimensional stochastic models with open boundaries: integrability, applications, and q -deformed Knizhnik–Zamolodchikov equations*, supervisors: Jan de Gier, Richard Brak and Mark Sorrell.
- Dr Mariam Kreydem, *Lebesgue density notions on the Cantor space*, supervisor: Hyam Rubinstein.
- Dr Emily Duane, *New data generation and solution techniques for the sequential ordering problem with time windows*, supervisors: Heng-Soon Gan and Natasha Boland.

University of New South Wales

- Dr Yuguang Wang, *Filtered polynomial approximation on the sphere*, supervisor: Ian Sloan.

University of South Australia

- Dr Paraskevi Thomas, *Markov models and computer simulations of water management in connected dams with an application to a stormwater system in the City of Salisbury*, supervisors: Phil Howlett and Julia Piantadosi.
- Dr Ben Martini, *ForFACTS: a forensic framework for analysis of cloud technologies and services*, supervisor: Raymond Choo.

University of Southern Queensland

- Dr Mayada G. Mohammed Al-Badri, *Dynamics of active systems with nonlinear excitation of the phase*, supervisors: D.V. Strunin and T. Tran-Cong.

University of Sydney

- Dr Alex Badran, *Arbitrage-free models for VIX and equity derivatives*, supervisors: Ben Goldys and Marek Rutkowski.
- Dr Darren Engwirda, *Locally optimal Delaunay-refinement and optimisation-based mesh generation*, supervisor: David Ivers.

University of Western Australia

- Dr Milena Jacobs, *Improved rounding methods for binary and ordinal variables under multivariate normal imputation*, supervisor: R. Nazim Khan.

Awards and other achievements

La Trobe University

- Professor Phil Broadbridge has received a JSPS Invitation Fellowship, ‘Exactly solvable difference equations for heat and mass transport’, from the Japan Society for Promotion of Science/Aust Academy of Science, to work with Professor Kenji Kajiwara in Kyushu University, October–December 2015.
- Dr Philipp Bader (post-doctoral fellow) has been accepted to attend this year’s highly prestigious Heidelberg Laureate Forum in Germany.

Swinburne University

- Associate Professor Birgit Loch commenced as Chair of the AustMS Standing Committee for Mathematics Education late last year.
- The MathsCasts team, together with the PhysCasts team, won the Vice-Chancellor’s Teaching Excellence Award for 2014, with team members Associate Professor Birgit Loch and Dr Stephen Bedding from the Department of Mathematics.

University of Adelaide

- Parsa Kavkani, Alex Tam, Leon Chea, Helen Geng and Susan Pang participated in this year’s Mathematical Contest in Modeling, run by the Consortium for Mathematics and Its Applications (COMAP).

One team, with Parsa Kavkani and Alex Tam, was designated an Outstanding Winner for Problem A and was awarded an INFORMS award for their work. Only five outstanding winners were selected from over 5000 entries for this problem, which is an amazing achievement.

The other team, with Leon Chea, Helen Geng and Susan Pang, was designated a Meritorious Winner for Problem A. There were about 640 meritorious winners out of the 5000, which is also an excellent achievement.

The coaching team included Sanjeeva Balasuriya, Luke Bennetts, Ed Green, Judith Bunder and Sarthok Sircar.

University of South Australia

- Vivian Waller, Linda Blackall and John Boland have received a \$324,000 grant for ‘Carbon reductions from composting food waste for food production — fitting recycling models to urban forms’ from CRC for Low Carbon Living, for 2015–2017.

- Professor John Boland and Dr Julia Piantadosi have been made Fellows of the Modelling and Simulation Society of Australia and New Zealand.

University of Sydney

- David Manescu and Uri Keich won the best paper award at RECOMB 2015 for their article entitled ‘A symmetric length-aware enrichment test’.
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Appointments, departures and promotions

Australian National University

- Dr Jiang Feida, Postdoctoral Fellow arrived on 1 May 2015. He is working with Professor Neil Trudinger.

University of Adelaide

- Professor Mike Eastwood has been appointed to the University of Adelaide part time.

University of Melbourne

New Research Fellow

- Dr Duy Vu

University of South Australia

- Professor Jim Hill joined the School of Information Technology and Mathematical Sciences.
- Dr Lesley Ward has been promoted to Associate Professor.

University of Sydney

- Professor Jacqui Ramagge has accepted the position of Head of School. Jacqui joined the School as an ordinary member of staff on 1 July 2015 and will take up the role of Head of School on 1 January 2016.

University of Western Australia

- Eric Swartz will be departing the School on 16 July 2015.

University of Wollongong

- Professor Arunas Verbyla has joined as a Professor of Applied Statistics.
 - Professor Jacqui Ramagge has resigned. She moved to University of Sydney on 1 July.
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New Books

University of New South Wales

Mohamed A. Khamsi and Wojciech M. Kozłowski (2015). *Fixed Point Theory in Modular Function Spaces*. Birkhäuser, Basel. ISBN: 978-3-319-14050-6, ISBN: 978-3-319-14051-3 (eBook).

Simon Hubbert, Quốc Thông Lê Gia, Tanya M. Morton (2015). *Spherical Radial Basis Functions, Theory and Applications*. Springer (Briefs in Mathematics). ISBN-10: 3319179381, ISBN-13: 978-3319179384.
http://www.amazon.co.uk/Spherical-Functions-Applications-SpringerBriefs-Mathematics/dp/3319179381/ref=pd_rhf_dp_p_img_1.

University of South Australia

Ryan Ko and Kim-Kwang Raymond Choo (Editors) (2015). *The Cloud Security Ecosystem*. Syngress Publishing/Elsevier. ISBN: 978-0-12-801595-7.

Conferences and Courses

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

The Mathematics of Conformal Field Theory

Date: 13–17 July

Venue: The Australian National University

Web: <http://maths.anu.edu.au/events/mathematics-conformal-field-theory>

See the website or *Gazette* 42(2), p. 120 for more details.

Talented Students' Day

Date: Wednesday 15 July 2015

Venue: Macquarie University

Web: <https://www.mansw.nsw.edu.au/student-activities/talented-students-day/talented-students-day>

See the website or *Gazette* 42(2), p. 120 for more details.

Industrial & Applied Mathematics Symposium 2015

Date: 16–17 July 2015

Venue: University of Wollongong

Web: <http://eis.uow.edu.au/smas/anzi-am-symposium-2015/index.html>

See the website or *Gazette* 42(2), p. 120 for more details.

Baxter 2015: Exactly Solved Models & Beyond

Date: 19–25 July 2015

Venue: Palm Cove, Queensland

Web: <http://baxter2015.anu.edu.au/>

For further details see the website, or *Gazette* 42(1), p. 54.

Workshop on Harmonic Analysis and Nonlinear PDE

Date: 20 July 2015

Venue: University of Wollongong

Web: <http://www.maths.usyd.edu.au/u/PDESeminar/analysis-and-pde/2015/07/>

The Australian National University, Macquarie University, University of Newcastle, University of New South Wales, University of Sydney and University of Wollongong invite you to a one-day seminar day about Analysis and PDE on Monday, 20 July 2015 at the University of Wollongong, McKinnon Building (Building 67), Room 302.

The aim of this seminar day is to bring together, twice a year, specialists, early career researchers and PhD students working in analysis, partial differential equations and related fields in Australia, in order to report on research, fostering contacts and to begin new research projects between the participants.

Speakers include:

- Ian Doust (UNSW)
- Xuan Duong (Macquarie)
- Sean Gomes (ANU)
- John Harrison (Newcastle)
- Bishnu Lamichhane (Newcastle)
- Galina Levitina (UNSW)
- Rod Nilsen (Wollongong)
- Joshua Peate (Macquarie)
- Pierre Portal (ANU)
- Chris Thornett (Sydney)

Please visit the website of the Analysis and PDE workshop for further details.

Please register at <https://www.eventbrite.com.au/e/harmonic-analysis-and-nonlinear-pde-one-day-workshop-tickets-17000833952>.

International Workshop on Monte Carlo Methods for Spatial Stochastic Systems

Date: 21–23 July 2015

Venue: Emmanuelle College, The University of Queensland

Web: http://acems.smp.uq.edu.au/?page_id=18

See the website, or *Gazette* 42(2), p. 120, or email acems.admin@uq.edu.au for more details.

IGA/AMSI International workshop on Geometric Quantisation

Date: 27–31 July 2015

Venue: The University of Adelaide

Web: <http://www.iga.adelaide.edu.au/workshops/July2015/>

For further details and free registration, please see the website.

AMSI-ANZIAM Lecture Tour

Dates: 27 July to 12 August 2015

Venue: throughout Australia

Web: <http://research.amsi.org.au/amsi-lecturer>

Professor Michael Shelley will be touring Australia in July and August. He is the co-founder and co-director of the Applied Mathematics Laboratory at the Courant Institute of Mathematical Sciences, an arena where mathematical theory and numerical simulation collide with experimental observation and measurement.

His public lectures and specialist talks will appeal to those whose interests span applied mathematics, physics and biology.

For more information see the website.

ICIAM 2015, the Eighth International Congress in Industrial and Applied Mathematics

Date: 10–14 August 2015

Venue: Beijing, China

Web: <http://www.iciam2015.cn/>

For more information, please see the website, or *Gazette* 41(3), p. 203.

Stochastic Processes and Special Functions Workshop

Date: Thursday 13 and Friday 14 August

Venue: The University of Melbourne

Web: <http://acems.org.au>

The ARC Centre of Excellence for Mathematical and Statistical Frontiers (ACEMS) invites you to this two-day workshop, which will concentrate on the theory and applications of special functions with particular emphasis on how they arise in stochastic processes.

Speakers include:

- Richard Brak (U Melbourne)
- Jon Borwein (U Newcastle)
- Jan De Gier (U Melbourne)
- Paul Keeler (Weierstrass Institute, Berlin)
- Alexander Novikov (UT Sydney)
- Phil Pollett (U Queensland)
- Nathan Ross (U Melbourne)
- Thomas Taimre (U Queensland)

- Peter Taylor (U Melbourne)
- Ole Warnaar (U Queensland)
- Michael Wheeler (U Melbourne)
- Wadim Zudilin (U Newcastle)

Please visit the ACEMS website to register if you are interested in attending.

Workshop in Honour of Brailey Sims

Date: Friday 21 August 2015 to Sunday 23 August 2015

Venue: CARMA, The University of Newcastle

Web: <https://carma.newcastle.edu.au/meetings/sims2015/>

See the website, or *Gazette* 42(2), p. 122, or contact Juliane Turner (Juliane.Turner@newcastle.edu.au, phone (02) 4921 5483, or facimile (02) 492 16898) if you have any questions. Note the extended dates!

Mathematics Education in a Connected World

Date: 16–21 September 2015

Venue: Grand Hotel Baia Verde, Catania, Italy

Please email Alan Rogerson at alan@cdnalma.poznan.pl for all details and updates.

Number Theory Down Under

Date: 18–19 September 2015

Venue: The University of Newcastle

Web: <http://carma.newcastle.edu.au/meetings/ntdu3/>

Please see the website for details and updates.

59th Annual Meeting of the Australian Mathematical Society

Date: 28 September to 1 October 2015

Venue: Flinders University

Web: www.austms2015.flinders.edu.au

See the website for more details and updates.

2015 Australian Conference on Science and Mathematics Education

Date: 30 September to 2 October 2015

Venue: Curtin University, Perth

Web: <http://sydney.edu.au/iisme/conference/2015/index.shtml>

IEEE International Workshops on Complex Systems and Networks

Date: 4–7 October 2015

Venue: Old Swan Brewery, Perth

Web: <http://iwcsn.ie.polyu.edu.hk/2015/Home.html>

Please see the website for updates and details of the program.

ABACBS Conference 2015

Date: 10–11 October 2015

Venue: Garvan Institute of Medical Research, Sydney, NSW

Web: <http://www.abacbs.org/conference/>

The Australian Bioinformatics And Computational Biology Society (ABACBS) is pleased to announce the ABACBS Conference 2015, following a successful Australian Bioinformatics Conference in Melbourne last year. We are currently working hard to compile an exciting line up of international and national speakers. Martha Bulyk (Harvard, US), Sean Grimmond (University of Glasgow, UK), Alistair Forrest (Harry Perkins Institute of Medical Research, AU), Aaron Darling (UTS, AU), Jean Yang (University of Sydney, AU), and Melissa Davis (University of Melbourne, AU) are confirmed speakers. Abstract submissions for either oral or poster presentations will be opening shortly. A limited number of travel bursaries will be available for students and early career researchers; applications close 14 August.

Registration (\$99, or \$124 including a BBQ Dinner) is open and available at the website. Please submit your abstracts for consideration via our ABACBS 2015 EasyChair page. If you do not have an EasyChair account you will need to register (free) prior to submission. We will notify outcomes on 11 September. Closing date for submission is 14 August.

Convenors: Nicola Armstrong and Richard Edwards.

Organising Committee: Kim Carter, Brian Gloss, Joshua Ho, Mirana Ramalison, Ashley Waardenberg.

Programme Committee Chairs: Shoba Ranganathan, Bruno Gaeta.

Questions? Email us: conference@abacbs.org

Australian Mathematical Sciences Student Conference

Dates: 2 November to 30 December 2015

Venue: University of Tasmania

Further details to follow.

The 21st International Congress on Modelling and Simulation (MODSIM2015)

Date: Sunday 29 November to Friday 4 December 2015

Venue: Gold Coast Convention and Exhibition Centre, Broadbeach, Queensland

Web: <http://www.mssanz.org.au/modsim2015/index.html>

For further details see the website or *Gazette* 42(1), p. 56.

Engineering Mathematics and Applications Conference (EMAC)

Date: 6–9 December 2015

Venue: UniSA, City West Campus Adelaide

Web: <https://emac2015.unisa.edu.au/>

EMAC is the biennial meeting of the Engineering Mathematics Group (EMG), a special interest group of ANZIAM. This meeting provides a forum for researchers interested in the development and use of mathematical methods in engineering and applied mathematics. It aims to foster interactions between mathematicians and engineers, from both academia and industry and will also include a special session on engineering/mathematics education. Invited speakers include Christine Mangelsdorf, Kylie Catchpole, Martyn Nash, Darryn Reid and Ben Rubinstein.

Registration for the 2015 Engineering Mathematics and Applications Conference (EMAC) is now open.

- Abstract submission closes: 9 October
- Early-bird registration closes: 23 October
- To register or find out more, visit the website.

KOZWaves 2015

Date: 6–9 December 2015

Venue: The University of Adelaide

Web: <http://www.maths.adelaide.edu.au/kozwaves2015/index.html>

The second international Australasian conference on wave science: see *Gazette* 42(1) p. 56 or the website for further details.

39th Australasian Conference on Combinatorial Mathematics and Combinatorial Computing

Date: Monday 7 December to Friday 11 December 2015

Venue: University of Queensland

Web: <http://39accmcc.smp.uq.edu.au/>

See *Gazette* 42(1) p. 56 or the website for further details, or email Darryn Bryant at db@maths.uq.edu.au.

BioInfoSummer 2015

Date: 7–11 December 2015

Venue: The University of Sydney

Website: <http://bis15.amsi.org.au/>

Courses include: Introduction to Biology and Bioinformatics, Epigenomics, Translational Genomics, Proteomics and Metabolomics, Systems Biology, Networks and Data Integration. Student Travel Grants are available and earlybird rates are available for this event. Register for event updates at the new website.

Earlybird registration closes: 1 October 2015

Poster abstract submissions close: 6 November 2015

Registration closes: 27 November 2015
Travel Grant Applications open: 20 August 2015
Travel Grant Applications close: 16 October 2015

Conference on Geometric and categorical representation theory

Date: 14–18 December 2015
Venue: Mantra Hotel, Mooloolaba, Queensland
Web: <https://sites.google.com/site/masoudkomi/mooloolaba>

2016 AMSI Summer School

Date: 4–29 January 2016
Venue: RMIT University
Web: <http://ss16.amsi.org.au/>

A reminder that

- Travel Grant applications open: 13 August 2015.
- Travel Grant applications and first registration close: 1 November 2015.
- Final registration closes: 25 November 2015.

Gromov-Witten Theory, Gauge Theory and Dualities

Date: 6–15 January 2016
Venue: ANU/Kioloa
Web: <http://maths.anu.edu.au/events/gromov-witten-theory-gauge-theory-and-dualities>

This Lecture Series/Workshop is one of the major events hosted by the 2015 MSI special year on ‘Geometry and Physics’. The workshop will begin on 6 January 2016 in Canberra with a introductory workshop followed by an international conference at the ANU Kioloa campus from 10 January 2016. The introductory workshop aims to familiarise postgraduate students and young researchers to some of the main mathematical techniques for the study of the moduli spaces from gauge theory and Gromov–Witten theory. The purpose of the conference is to bring together leading international researchers in the areas of geometry and physics, with a main focus on the geometry and topology of moduli spaces arising from gauge theory and Gromov–Witten invariants, mirror symmetry and other dualities.

Organisers: Peter Bouwknegt (Chair), David Ridout, Bryan Wang.

ANZIAM 2016

Date: Sunday 7 February 2016 to Thursday 11 February 2016
Venue: QT Canberra Hotel, Canberra

ANZIAM 2016 is scheduled to be held from 7–11 February 2016 in Canberra. Further details including the conference website will be available later this year.

AMSI Big Day In

Date: 10–11 February 2016

Venue: Trinity College, The University of Melbourne

Web: vrs.amsi.org.au/big-day

Mathematical Methods for Applications

Date: 11–14 November 2016

Venue: Hangzhou, China

Further information: Phil Broadbridge (P.Broadbridge@latrobe.edu.au)

This is a joint meeting of ANZIAM and ZAPA, the Zhejiang Applied Mathematics Association. For further information, please email Phil Broadbridge.

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 2014 to 31 July 2015; stats; USN; Shelton Peiris

Dr Joel Andersson; Stockholm University; 1–31 October 2015; pure; USN; Leo Tzou

Dr Aline Aparecida de Souza Leao; University of Sao Paulo, Brazil; 1 July to 1 November 2015; UMB; Alysson Costa

Paul Baird; Laboratoire de Mathematiques, De Bretagne Atlantique; September to December 2015; UWA; Lyle Noakes

Professor Dror Bar-Natan; University of Toronto; 27 June to 12 July 2015; ANU; Scott Morrison

Dr Elizabeth Beazley; Haverford College, USA; 1 August 2015 to 31 January 2016; UMB; Arun Ram

A/Prof Lisa Carbone; Rutgers University, USA; 25 June to 28 July 2015; UMB; Arun Ram

Prof Dayue Chen; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia

Prof Peter Clarkson; University of Kent; 19–30 July 2015; UWA; Andrew Bassom

Thierry Coulhon; Paris Sciences et Lettres; 1 February to 31 December 2015; ANU; Peter Bouwknegt

Dr Zajj Daugherty; Dartmouth College, USA; 2–28 July 2015; UMB; Arun Ram
Michael Eastwood; 1 January to 31 December 2015; ANU; Thierry Coulhon

Dr Yi Fang; 31 March 2015 to 31 December 2015; ANU; Xu-Jia Wang

Prof Xin Gui Fang; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia

Dr Xiang Fu; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia

Dr Jürgen Fuchs; Karlstad University; 28 June to 18 July 2015; ANU; David Ridout

Prof Yasunori Fujikoshi; Hiroshima University; 12–19 September 2015; UWA; Berwin Turlach

- Dr Han Gan; Washington University, USA; 1 June to 20 August 2015; UMB; Aihua Xia and Nathan Ross
- Prof Jana Gevertz; College of New Jersey; 13 to 24 July 2015; applied; USN; Peter Sehoon Kim
- Mr Jacek Greła; Jagiellonian University, Poland; 15 March 2015 to 15 July 2015; UMB; Peter Forrester
- A/Prof Jianyu Han; Anhui University, PRC; 1 August 2015 to 31 July 2016; UMB; Dr Guoqi Qian
- Dr Viktoria Heu; University of Strasbourg; 2–15 August 2015; applied; USN; Nalini Joshi
- A/Prof Mengbo Hou; Shandong University of China; February 2015 to February 2016; cryptography; USA; Raymond Choo
- A/Prof Xian-Jiu Huang; Nanchang University, China; 1 October 2014 to 30 September 2015; ANU; Xu-Jia Wang
- Dr Zhong Jin; Shanghai Maritime University; August 2014 to August 2015; optimisation; FedUni; David Gao
- Dr Paul Keeler; Weierstrass Institute, Berlin; 22 August to 5 September 2015; UMB; Peter Taylor
- Professor Alexander Kleshchev; University of Oregon, USA; 1–15 July 2015; UMB; Arun Ram
- Prof Satoshi Koike; 7 October to 7 November 2015; pure; USN; Laurentiu Paunescu
- Prof Xin-Bing Kong; Soochow University; 19 July to 15 August 2015; stats; USN; Qiyang Wang
- Prof Shrawan Kumar; University of North Carolina; 16 July to 15 December 2015; pure; USN; Gus Lehrer
- A/Prof Aaron Lauda; University of Southern California; 22 June to 1 August 2015; UMB; Arun Ram
- A/Prof Jingjian Li; Guangxi University, PRC; September 2015 to September 2017; UWA; Cai Heng Li
- Prof Han-Ying Liang; Tongji University; 12 July to 5 September 2015 stats; USN; Qiyang Wang
- Dr Wei Lin; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia
- Zhe Liu; Zhejiang University; 1 April 2015 to 31 March 2016; UWA; Cai Heng
- Johnathan Manton; University of Melbourne; 1 January to 31 December 2018; ANU; Alan Carey
- A/Prof Si Mei; Shanghai Jiaotong University, China; 9 August 2014 to 8 August 2015; pure; USN; Andrew Mathas
- James McCoy; University of Wollongong; 1 January to 31 July 2015; ANU; Ben Andrews
- Dr Marco MacKaay; Universidade Do Algarve, Portugal; 22 June to 1 August 2015; UMB; Arun Ram
- Dr Djordje Milicevic; Bryn Mawr College, Pennsylvania; 1 August 2015 to 31 January 2016; UMB; Arun Ram
- Prof Pierre Milman; University of Toronto; 15 October to 15 November 2015; pure; USN; Laurentiu Paunescu

- A/Prof Sylvie Monniaux; Université Aix-Marseille; 15 October 2014 to 15 July 2015; ANU; Pierre Portal
- Samuel Mueller; University of Sydney; 1 January to 31 December 2016; ANU
- Dr Kok Haur Ng; University of Malaya; 13–25 July 2015; stats; USN; Jennifer Chan
- Prof Enzo Orsingher; Sapienza University of Rome; 18–29 August 2015; probability theory; LTU; Andriy Olenko
- Mr Jay Pantone; USA; 25 Jun3 to 18 August 2015; UMB; Tony Guttmann
- Dr Simona Paoli; University of Leicester, UK; 1 August to 31 December 2015; higher category theory; MQU; Ross Street
- Prof Jongil Park; Seoul National University; 3–16 August 2015; UMB; Hyam Rubinstein
- Mr Aaron Poole; Durham University; 20 July to 9 September 2015; applied; USN; Nalini Joshi
- Dr Peter Price; 30 March 2015 to 31 December 2016; ANU; Dr Lilia Ferrario
- A/Prof Helena Ramalhinho; Universitat Pompeu Fabra, Spain; 24 June to 10 July 2015; UMB; Alysson Costa
- Prof Gueorgui Raykov; Pontificia Universidad Catolica de Chile; 9–13 July 2015; UWA; Lucho Stoyanov
- Dr Hemanth Saratchandran; 14 April to 14 July 2015; pure; USN; Stephan Tillmann
- Dr Thidaporn Seangwattana; Naresuan University, Thailand; May to July 2015; optimization; FedUni; Alex Kruger
- Mr Muhamad Shoaib; Higher Education Commission, Pakistan; 1 May to 30 November 2015; statistics; USN; Shelton Peiris
- A/Prof Mei Si; Shanghai Jiaotong University; 28 August 2014 to 8 August 2015; pure; USN; Andrew Mathas
- Adam Sikora; Macquarie University; 1 January to 31 December 2015; ANU; Thierry Coulhon
- A/Prof Lianta Su; Quanzhou Normal University, PRC; 1 August 2015 to 31 January 2016; UMB; Guoqi Qian
- Dr Garth Tarr; 1 March 2015 to 31 December 2015; ANU; Alan Welsh
- Levent Tunçel; University of Waterloo; 1–21 September 2015; optimisation; RMIT; Vera Roshchina
- Prof J.M.A.M. Van Neerven; Technical University Delft; 13 June to 4 July 2015; ANU; Pierre Portal
- Prof Jie Wang; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia
- Prof Shincheng Wang; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia
- Dr Ben Webster; University of Virginia, USA; 13–17 July 2015; UMB; Arun Ram
- Dr Jeroen Wouters; 25 February 2015 to 24 February 2017; applied; USN; Georg Gottwald
- Mr Wei Wu; UNSW; 30 July 2012 to 31 May 2016; financial maths; USN; Ben Goldys
- Dr Binzhou Xia; Beijing International Center for Mathematical Research, PRC; 26 July to 26 August 2015; UWA; Cai Heng Li

Prof Qing Xiang; University of Delaware, USA; 16–30 July 2015; UWA; Cai Heng Li
Dr Fan Yang; Jiangsu University of Science and Technology, China; 1 October 2014 to 30 September 2015; UMB; Sanming Zhou
A/Prof Fuxi Zhang; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia
A/Prof Hua Zhang; Yunnan Normal University, PRC; 20 July to 14 August 2015; UMB; Sanming Zhou
Prof Lei Zhang; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia
Prof Pingwen Zhang; Peking University, PRC; 24–28 August 2015; UMB; Aihua Xia
Hui Zhou; Peking University, PRC; September 2015 to March 2017; UWA; Cheryl Praeger, Alice Devillers and Michael Giudici
A/Prof Jinxin Zhou; Beijing Jiaotong University, PRC; 3 July to 3 Sept 2015; UWA; Cai Heng Li
