



News

Appointments

La Trobe University:

- Dr Geoff Prince has been appointed Executive Director of AMSI from February 2005, for a period of 12 months.
- Dr Lennaert van Veen has started employment on June 1 as a postdoctoral fellow for the Centre of Excellence for Mathematics and Statistics of Complex Systems.

Macquarie University:

- Dr Simona Paoli has commenced work as a postdoctoral fellow from 27th June in the department of Mathematics.

Swinburne University:

- Dr. Manmohan Singh has been recently made Acting Head of the Engineering Mathematics Discipline in the Faculty of Engineering and Industrial Sciences.

University of Melbourne:

- Professor Richard Huggins has taken up the Chair in Statistics in July 2005.
- Dr Quang Minh Bui, a Research Fellow working with Professor Huggins, started in June 2005.
- Dr Andrew Robinson, Senior Lecturer in Statistics, has started in July 2005.

University of Newcastle:

- Dr. Zahirul Hoque and Dr. David Allingham have been appointed to research positions in statistics in the Centre for Complex Dynamical Systems and Control.

University of New South Wales:

- Dr Adelle Coster has been promoted to Senior Lecturer.
- Dr Matthew England has been awarded an Australian Government Federation Fellowship.

University of Sydney:

- Dr David Kohel has been promoted to Senior Lecturer.
- Dr Emma Carberry has accepted an appointment as a lecturer in Pure Mathematics from February 2006. For the first four years the appointment will be shared between Sydney University and Duke University.
- Dr Jean Yang, currently of the Lung Biology Center of the University of California, San Francisco, has accepted a Lectureship in Statistics (Bioinformatics).
- Dr Leon Poladian will take up Senior Lectureship in Applied Mathematics at the completion of his current ARC Professorial Fellowship.
- Dr Martin Wechselberger, currently of the Mathematical Biosciences Institute at Ohio State University, will commence a Lectureship in Applied Mathematics later this year.
- Dr Anthony Henderson will commence a Lectureship in Pure Mathematics at the completion of his current postdoctoral fellowship.
- Associate Professor Ron James will retire in July 2005.

University of Western Australia:

- Dr Lyle Noakes was promoted from Professorial Fellow (Research) to Full Professor.
- Dr Martin Hazelton was promoted from Senior Lecturer to Associate Professor.

Completed PhDs
University of Melbourne:

- Dr George Donald Handley, *Hilbert and Hardy type inequalities*, supervisors: Dr Jerry Koliha, Professor Josip Pecaric.

University of Newcastle:

- Dr Peter Howley, *Analysing and Reporting Clinical indicator Data using Hierarchical Models*, supervisor: Prof. Robert Gibberd.
- Dr Petra Graham, *Statistical Methods for Assessing and improving Quality in Hospitals*, supervisor: Prof. Kerrie Mengersen.
- Dr Paul Cutting, *Classifying Von Neumann Factors Arising from Affine Buildings*, supervisors: Prof. Guyan Robertson, Dr Jacqui Ramagge.
- Dr Jim MacDougall, *Construction of Minimally Triangle-saturated Graphs*, supervisor: Prof. Roger Eggleton.

University of Sydney:

- Dr Bea Bleile, *Poincaré Duality Pairs of Dimension Three*, supervisor: Dr Jonathan Hillman.
- Dr Noelle Antony, *On singular Artin monoids*, supervisor: Dr David Easdown.
- Dr Feng Dai *Approximation of real smooth functions*, supervisor: Professor Gavin Brown.

Awards and other achievements
University of Sydney:

- Prof. Philip Maini, currently of the University of Oxford, has been awarded a Federation Fellowship. The title of his research project is “Multiscale modelling: Applications to the Biomedical Sciences”.

New Books

Jane Pitkethly and Brian Davey, *Dualisability. Unary Algebras and Beyond*, Advances in Mathematics, Vol. **9**, (Springer Heidelberg 2005), 264 p., ISBN 0-387-27569-X. Expected publication date: August 2005.

Conferences

Japanese–Australian Workshop on Real and Complex Singularities

5–8 September 2005, University of Sydney

Web: <http://www.maths.usyd.edu.au/u/laurent/RCSW>

16th Australasian Workshop on Combinatorial Algorithms (AWOCA)

21–24 September 2005, University of Ballarat

Organiser: Prof. Mirka Miller

E-mail: pmanyem@linus.levels.unisa.edu.au or m.miller@ballarat.edu.au

23rd Victorian Algebra Conference

24–26 September 2005, The University of Western Australia

Web: <https://www.maths.uwa.edu.au/vac05>

Invited Speaker: Prof. Péter Pálffy (Eötvös University, Budapest)

The conference precedes the 49th Annual Meeting of the Australian Mathematical Society, also in Perth.

Miniconference on Functional Analysis — in honour of Simon Fitzpatrick

25–26 September 2005, The University of Western Australia

Organiser: Dr John Giles

E-mail: jan.garnsey@newcastle.edu.au

Web: https://www.maths.uwa.edu.au/~austms05/html/mc_fitzpatrick.html

49th Annual Meeting of the Australian Mathematical Society

27–30 September 2005, The University of Western Australia

Director: Prof. Lyle Noakes

E-mail: lyle@maths.uwa.edu.au

Web: <http://www.maths.uwa.edu.au/~austms05>

Early bird registrations close 1st of August. Deadline for abstracts: 26th of August.

DELTA'05, Fifth Southern Hemisphere Symposium on Undergraduate Mathematics & Statistics Teaching & Learning

22–26 November 2005, Kingfisher Bay, Fraser Island, Queensland

Convenor: Dr Chris Harman

E-mail: harman@usq.edu.au

Web: <http://www.maths.uq.edu.au/delta05/>

8th International Conference of The Mathematics Education into the 21st Century Project: “Reform, Revolution and Paradigm Shifts in Mathematics Education”

25 November–1 December 2005, Johor Bharu, Malaysia

Contact: Dr Alan Rogerson

E-mail: arogerson@vsg.edu.au

AMSI Summer School 2006

16 January–10 February 2006, RMIT University, Melbourne

Organisers: Prof. Kathy Horadam and Dr Lynne McArthur

E-mail: Kathy.Horadam@ems.rmit.edu.au

E-mail: Lynne.Mcarthur@ems.rmit.edu.au

Mathematics-in-Industry Study Group 2006

30 January–3 February 2006, Massey University, Albany, Auckland, New Zealand

Director: Prof. Graeme Wake

E-mail: g.c.wake@massey.ac.nz

Administrator: Nikki Luke

E-mail: n.luke@massey.ac.nz

Web: <http://misg2006.massey.ac.nz>

This meeting is being organised by the Centre for Mathematics in Industry. Grants are available on application for student participants. Industries wishing to present a problem, please contact the Director. The format will be similar to MISG2005, see the website and the Equation-Free Summaries.

Applied Mathematics Conference ANZIAM 2006

5–9 February 2006, Mansfield, Victoria

Director: Dr Simon Clarke

E-mail: anziam06@sci.monash.edu.au

Web: <http://www.maths.monash.edu.au/anziam06>

Visiting mathematicians

Visitors are listed in the order of the last date of their visit 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. Wen-Han Hwang; Feng Chia University; February to 15 August 2005; Statistical Science; ANU; Prof. Richard Huggins
- Prof. Luger Ruschendorf; University of Freiburg; 9 July to 5 August 2005; –; UMB; –
- Prof. Gunter Last; University of Karlsruhe; 25 July to 7 August 2005; –; UMB; –
- Prof. Lynne Billard; University of Georgia, USA; 13 June to 7 August 2005; –; UMB; –
- Prof. Sidney Resnick; Cornell University; 5 to 12 August 2005; –; UMB; –
- Prof. Keith Moffatt; University of Cambridge; 9 to 14 August 2005; fluidmechanics; UWA; Prof. Andrew Bassom
- Dr Andrew Pickering; Universidad Rey Juan Carlos; 10 April to 14 August 2005; Analysis of integrable systems; USN; Prof. Nalini Joshi
- Dr Pilar Gordoia; Universidad Rey Juan Carlos; 10 April to 14 August 05; Analysis of integrable systems; USN; Prof. Nalini Joshi
- Dr Ki-Seng Tan; National Taiwan University; 24 July to 19 August 05; Number theory (diophantine problems); USN; Dr K. Lai
- Prof. Dianjun Wang; Tsing-Hua University; 20 February to 20 August 2005; –; UWA; Dr Cai Heng Li
- Prof. Takahiro Shiota; Kyoto University; 9 to 20 August 2005; –; UMB; –
- Prof. Shun-Jen Cheng; National Taiwan University; 2 July to 26 August 2005; Lie superalgebras and quantum supergroups; USN; Dr R. Zhang
- Dr Wei Qiang Wang; University of Virginia; 2 July to 26 August 2005; Lie superalgebras and quantum supergroups; USN; Dr R. Zhang
- Prof. Igor Boglaev; Massey University; 15 to 26 August 2005; UWA; Dr Song Wang
- Prof. Vladimir Vavutyn; Steklov Mathematical Institute, Moscow; 8 July to 28 August 2005; –; UMB; –
- Dr Raimundo Araujo dos Santos; Sao Paulo; 1 to 31 August 2005; Singularity Theory; USN; Dr L. Paunescu
- Dr Peter Neumann; Oxford University; 5 August to 5 September 2005; Group Theory, history of Mathematics; Institute of Advanced Studies, UWA; Dr Terri-Ann White and Prof. Cheryl Praeger
- Dr Guang-hui Wang; Chinese Academy of Sciences; 8 September 2004 to 8 September 2005; –; UWA; Dr Song Wang
- Prof. Demeter Krupka; Palacky University; 4 August 2005 to 15 September 2005; global variational analysis; LTU (Bundoora); Dr Geoff Prince
- Prof. Olga Krupkova; Palacky University; 4 August 2005 to 15 September 2005; global variational analysis; LTU (Bundoora); Dr Geoff Prince
- Prof. Xin Gui Fang; Peking University; 20 July to 19 September 2005; –; UMB; –
- Dr Ruth Kantorovitz; University of Illinois; 20 September 2004 to 20 September 2005; Algebra and Topology; ANU; Prof. Amnon Neeman
- Prof. Robert Lipster; Tel Aviv University; 1 October 2004 to 30 September 2005; Stochastic Processes; MNU; Prof. Fima Klebaner
- Dr Alikei Muradova; Tbilisi State University; 17 September 2003 to 17 September 2005; Advanced Computation and Modelling; ANU; Dr Markus Hegland

- Prof. Chaohua Dong; Shanxi University; 11 March 2004 to 27 September 2005; UWA, Prof. Jiti Gao
- Dr Kenji Kajiwara; Kyushu University; 5 October 2004 to 30 September 2005; Discrete Painlevé equations; USN; Prof. Nalini Joshi
- Dr Stefan Koetzer; University of Bern; August to September 2005; Stereology; UWA; Prof. Adrian Baddeley
- Dr Satoshi Koike; Hyogo; 23 August to 1 October 2005; Real and Complex Singularities; USN; Dr L. Paunescu
- Prof. Sergei Vostokov; St Petersburg; 26 September to 21 October 05; Automorphic forms; USN; Dr K. Lai
- Dr Alexander Kitaev; Steklov Mathematical Institute; 1 August to 1 November 2005; Singularities; USN; Prof. Nalini Joshi
- Prof. Rajat Tandon; Hyderabad; 1 to 30 November 2005; Algebraic number theory; USN; Dr K. Lai
- Prof. Kazem Mosaleheh; Shiraz University; 1 January to 31 December 2005; Analysis of PDEs; MNU; Dr Alan Pryde
- Dr David Mason; University of the Witwatersrand (South Africa); 1 October to 31 December 2005; –; UWA; –
- Prof. Wenjun Yuan; Guangzhou University of China; December 2004 to December 2005; Differential equations and financial mathematics; CUT; Dr Yong Hong Wu
- Prof. John Ryan; University of Arkansas; August 2005 to December 2005: Analysis and Geometry; ANU; Prof. Alan McIntosh
- Dr Bernard Kron; University of Vienna; 5 March 2004 to 1 March 2006; Ends, group actions and random walks; USN; Dr Donald Cartwright
- Dr Hua Zhang; Yunnan Normal University; 1 March 2005 to 1 March 2006; –; UWA; Dr Cai Heng Li
- Prof. Valentin V Petrov; Steklov Mathematical Institute; 7 January 2006 to 30 June 2006; Limit results and asymptotic methods; USN; Dr J. Robinson
- Dr Yuly Billig; Carlton University; 16 July 2005 to 16 July 2006; Quantum algebras; USN; Dr A.I. Molev
- Dr Shenglin Zhou; Shantou University; October 2004 to October 2006; –; UWA; Prof. Cheryl Praeger
- Dr Adam Gregory Harris; University of New England; 15 August 2005 to 1 December 06; Complex Singularities; USN; Dr L. Paunescu
- Dr Patrick Desrosiers; Université Laval, Québec, Canada; 5 February 2005 to 4 February 2007; –; UMB; –
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