



News

Appointments

Monash University:

- Dr Ian Wanless will take up a fellowship in January 2006.

University of Melbourne:

- Dr Charles Lilley started a 3 year appointment as a Research Fellow in November 2005.

University of Sydney:

- In recent months a number of research-only staff have commenced work at Sydney University including Dr Nils Ackermann, Dr Robert Carls, Dr Steve Donnelly, Dr Michael Harrison, Dr Oliver Ruff, Dr Philip Treharne and Dr Guanglian Zhang.
- Dr Clio Cresswell has joined the School as a Senior Lecturer, on a one year appointment.

University of South Australia:

- Dr Irene Hudson has been appointed as Associate Professor in Statistics. Dr Hudson will commence her appointment early in the new year.
- Dr Lesley Ward has been appointed to a Level C position, and will be commencing in the middle of 2006.

Completed PhDs

University of Ballarat:

- Dr Simon Barty, *Data mining the adverse drug reactions database using statistical techniques*, supervisor: Dr A. Bagirov.
- Dr Zari Dzalilov, *Dynamic reconfiguration of telecommunication networks*, supervisor: Prof. A. Rubinov.
- Dr Julien Ugon, *Solving discrete optimization problems by some methods of continuous optimization*, supervisor: Prof. A. Rubinov.

University of Melbourne:

- Dr John Mashford, *Invariant measures and Möbius structures: a framework for field theory*, supervisor: Dr Iain Aitchison.
 - Dr Hwan-Jin Yoon, *Discrete regression and statistical moderation*, supervisors: Dr Ray Watson and Prof. Tim Brown.
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Awards and other achievements

Professor Rodney Baxter of the Australian National University has been awarded the Lars Onsager prize for 2006 by the American Physical Society, for his original and groundbreaking contributions to the field of exactly solved models in statistical mechanics, which continue to inspire profound developments in statistical physics and related fields.

Professor Jerzy Filar, foundation professor of mathematics and statistics at the University of South Australia has been awarded the Ren Potts Medal for his contribution to the advancement of operations research at the 18th National Australian Society for Operations Research Conference in Perth.

Research Fellowships University of Sydney

The University of Sydney is offering the following research fellowships: Professorial Research Fellowships (duration 6 years, expressions of interest close 6 January 2006); International Senior Research Fellowships (duration 4 years, closing 6 January 2006); Short-term Visiting Collaborative Fellowships (duration 2 to 12 weeks, 25 November 2005). Further information is available at www.usyd.edu.au/research/fellowships/.

Conferences

ICE-EM 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

Manifolds at Melbourne

17–20 January 2006, AMSI, Melbourne

Organisers: I. Aitchison, L. Bartolini, J. Coffey, C. Hodgson, L. Reeves, J. H. Rubinstein

E-mail: manifolds@ms.unimelb.edu.au

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

This workshop will cover areas around 3-manifolds, including geometric structures, flows and minimal surfaces, knot theory and geometric group theory. It is anticipated that the conference will be partly sponsored by AMSI.

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>

International Conference on Mathematical Modelling and Computation

5–8 June 2006, University of Brunei Darussalam, Brunei (Borneo)

Organiser: Dr Sannay Mohamad

E-mail: mmc06@fos.ubd.edu.bn

Web: <http://www.ubd.edu.bn/news/conferences/fosmmc06/>

31st Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (31ACCMCC)

8–12 July 2006, Alice Springs, Northern Territory

Enquiries: Ian Roberts

E-mail: Ian.Roberts@cdu.edu.au

Web: <http://www.cdu.edu.au/engineering/31ACCMCC.html>

A provisional list of invited speakers is:

Sergei Bezrukov - University of Wisconsin

Charlie Colbourn - Arizona State University

Gyula O. H. Katona - Renyi Institute

Barbara Maenhaut - University of Queensland

Gary Mullen - Penn State University

Gordon Royle - University of Western Australia

Jozef Siran - University of Auckland

(more to be announced).

Contributed talks in all areas of combinatorics are welcome. Participants are also invited to stay on for *Dry and Discrete* (see announcement below)

Dry and Discrete (D&D)

13–15 July 2006, Uluru, and 16–18 July 2006, Kings Canyon, Northern Territory

Enquiries: Ian Roberts

E-mail: Ian.Roberts@cdu.edu.au

Web: <http://www.cdu.edu.au/engineering/DandD.html>

This workshop will be aimed at cracking some unsolved problems in Graphs, Hypergraphs and Designs.

Recent Advances in Nonlinear Partial Differential Equations: A celebration of Norman Dancer's 60th birthday

16–21 July 2006, University of New England, Armidale, NSW

Organisers: Daniel Daners (USN), Yihong Du, Chris Radford, Shusen Yan (UNE).

E-mail: ydu@turing.une.edu.au

Web: <http://www.maths.usyd.edu.au/u/daners/une2006/>

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. Lynne Billard; University of Georgia USA; 30 November 2005 to 8 January 2006; –; UMB;

Prof. Anthony Krzesinski; University of Stellenbosch; 13 January to 13 February 2006; –; UMB; –

Prof. Graeme Milton; Utah; 30 September 2005 to 26 February 2006; Modelling of composite materials; USN; C. Macaskill

Dr Jasper Scholten; –; 1 December 2005 to 28 February 2006; Arithmetic geometry; USN; J.J. Cannon

Prof. Vladimir Rittenberg; University of Bonn; 1 December 2005 to 1 March 2006; –; UMB; Dr J. De Gier

Dr Hua Zhang; Yunnan Normal University; 1 March 2005 to 1 March 2006; –; UWA; Dr Cai Heng Li

Dr Raimundo Araujo dos Santos; Sao Paulo; 10 February to 10 March 2006; Singularity Theory; USN; L. Paunescu

Dr Mehdi Alaeiyan; Iran University of Science and Technology; 20 September 2005 to 19 March 2006; –; UMB; –

Prof. Catherine Baker; Mount Allison University USA; 4 January to 31 March 2006; –; DKU;

Dr Bahman Tabatabaie Shourijeh; Shiraz University, Iran; 1 October 2005 to 1 April 2006; –; UMB; –

Dr Christopher Tout; Institute of Astronomy, Cambridge, England; 3 August 2005 to 30 April 2006; Stellar Evolution; MNU; John Lattanzio

Prof. Xiao Zhang; Academy of Mathematics and System Sciences; 5 February to 4 May 2006; Representation theory of supersymmetry algebras in de Sitter spacetime and their applications in cosmology; USN; R. Zhang

- Prof. Valentin V Petrov; Steklov Mathematical Institute; 7 January to 30 June 2006; Limit results and asymptotic methods; USN; Dr J. Robinson
- Dr Zhishui Hu; University of Science and Technology, China; 1 July 2005 to 30 June 2006; Limit theorems; USN; J. Robinson
- Dr Yuly Billig; Carlton University; 16 July 2005 to 16 July 2006; Quantum algebras; USN; Dr A.I. Molev
- Prof. Peiwang Gao; Jinan University; 29 August 2005 to 31 July 2006; Financial Mathematics; UWG; Dr Songping Shu
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