



News

Completed PhDs

University of Southern Queensland:

- Dr Tony MacKenzie, *Create accurate numerical models of complex spatio-temporal dynamical systems with holistic discretisation*, supervisor: Prof. Tony Roberts.

University of Sydney:

- Dr Sacha Blumen, *Quantum superalgebras at roots of unity and topological invariants of three-manifolds*, supervisor: R.B. Zhang

Awards and other achievements

Professor Peter G. Hall FAA, President-Elect of the Australian Mathematical Society, has been awarded the Matthew Flinders Lecture and Medal by the Australian Academy of Science. The Matthew Flinders Medal and Lecture recognises scientific research of the highest standing in the physical sciences. It was established in 1956 and named after Matthew Flinders, the first man to circumnavigate Australia, in recognition of the early scientific work carried out in Australia. It is awarded biennially by the Australian Academy of Science to an eminent scientist for a lecture to be given at the Annual General Meeting of the Academy. See <http://www.science.org.au/awards/flinders.htm>.

Dr Harry Butler of the Department of Mathematics and Computing at the University of Southern Queensland has been invited to join a National Wind Erosion Expert Panel which is a joint venture between the Federal Departments of the Environment and Heritage and Agriculture, Fisheries and Forestry. This panel is part of the National Soil and Water Resources Audit, and will be responsible for developing guidelines for the modelling, monitoring and evaluation activities of major National Resource Management programs including National Action Plan and National Heritage Trust.

ANZIAM Award for outstanding new researchers: J.H. Michell Medal

Nominations are called for the award of the J.H. Michell Medal for 2007 for ANZIAM outstanding new researchers. Nominees must be in their first 10 years of research on 1 January 2007 after the award of their Ph.D., and be members of ANZIAM for at least 3 years. Nominations close on 30 September 2006. Further information can be obtained from <http://www.anziam.org.au/Medals/michell.html>.

The Chair of the Selection Panel for the 2007 award is Professor Larry Forbes (School of Mathematics and Physics, University of Tasmania, Private Bag 37, Hobart TAS 7001, *E-mail*: Larry.Forbes@utas.edu.au)

Nominations can be made by any member of ANZIAM other than the nominee. A nomination should consist of a brief C.V. of the nominee together with the nominee's list of publications and no more than a one page resume of the significance of the nominee's work. Nominations should be forwarded to the Chair of the Selection Panel, in confidence.

Please note that, where necessary, the Selection Panel will consult with appropriate assessors concerning evaluation of any nominee's research.

W. Summerfield
Honorary Secretary, ANZIAM

Appointments

Charles Sturt University:

- Dr Michael Kemp and Dr Philip Charlton have been appointed as Lecturers in Mathematics.
- Patrick Lim has been appointed as a Lecturer in Statistics.

Griffith University:

- Dr Yuri Anissimov has taken up a continuing position as Senior Lecturer in the School of Science from January 2006.
- Dr Peter Johnston was promoted to Associate Professor in the 2005 academic staff promotion round.
- Dr Scott McCue has been appointed in a continuing position as Lecturer in Applied Mathematics in the School of Science from January 2006.

La Trobe University:

- Dr Peter van der Kamp has taken up employment as a postdoctoral fellow for the Centre of Excellence for Mathematics and Statistics of Complex Systems.

Macquarie University:

- Dr Stephen Lack has taken up his sabbatical leave in the Maths Department at Macquarie from January to May 2006.

University of New England:

- Dr B. Bleile will leave the department to take up a Post-Doctoral Fellowship to the Institute for Theoretical Physics at ETH (Zurich) in August 2006.
- The Dean of the Faculty of the Sciences has announced that the number of mathematicians employed will be halved, from 8 in June 2005 (one in a half-time position) to four from February 2006. The mathematicians are defending the integrity of the section with support from the statisticians and NTEU. In addition to the academic objections to this decision, some legal objections are currently being heard in the Industrial Relations Commission.

University of Sydney:

- Dr Rafal Kulik of the University of Ottawa and Dr Jennifer Chan, currently at the University of Hong Kong, will both join the School as Lecturers in Statistics.

University of Western Australia:

- Dr Elena Pasternak has started employment as Applied Lecturer.
- Dr Sven Reichard has started employment as Research Associate.

University of Western Sydney:

- Dr Robert Mellor, Associate Professor and Head of School, has retired after 20 years at the University of Western Sydney.
- The School of Quantitative Methods & Mathematical Sciences has amalgamated with the School of Computing & IT to form the School of Computing and Mathematics. Dr Leanne Rylands has been appointed acting Head of School.

Conferences

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/>

The 8th Australasian Conference on Mathematics and Computers in Sport

3–5 July, 2006, Greenmount Resort, Coolangatta, Queensland

Organisers: Dr. John Hammond (SCU), Emeritus Prof. Neville de Mestre (Bond)

E-mail: jhammond@scu.edu.au

Web: <http://www.anziam.org.au/MathSport/8M&CS.html>

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/>

50th Annual Meeting of the Australian Mathematical Society

25–29 September 2006, Macquarie University, Sydney

Director: William Chen

Enquiries: William Chen, Xuan Duong, Ross Street

E-mail: wchen@maths.mq.edu.au

E-mail: duong@maths.mq.edu.au

E-mail: street@maths.mq.edu.au

Web: <http://www.maths.mq.edu.au/austms06/homepage.html>

As at the end of January 2006, the following mathematicians have accepted invitations to be plenary speakers at the meeting:

Robert Bartnik (Monash University)

Michael Batanin (Macquarie University)

Peter Forrester (University of Melbourne)

Andrew Hassell (Australian National University)

Adrian Lewis (Cornell University)

Ngaiming Mok (University of Hong Kong)

Christopher Skinner (University of Michigan)

Terence Tao (University of California at Los Angeles)

Katrin Tent (Universitaet Bielefeld)

Claire Voisin (Centre National de la Recherche Scientifique)

Xu-Jia Wang (Australian National University)

The Program Committee comprises Peter Bouwknegt (ANU), William Chen (MQU and Chair), Xuan Duong (MQU), Nalini Joshi (USN), Amnon Neeman (ANU), Cheryl Praeger (UWA), Hyam Rubinstein (UMB), Ross Street (MQU) and Rob Womersley (UNS).

Details concerning further plenary speakers, special sessions, registration, accommodation and financial support will be made available on the conference website.

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.

- Dr Klaus Lux; University of Arizona; 16 February to 1 April 2006; –; UWA; Dr Alice Niemeyer
- Dr Bahman Tabatabaie Shourijeh; Shiraz University, Iran; 1 October 2005 to 1 April 2006; –; UMB; –
- Dr Thomas Fisher; –; 20 March to 13 April 2006; Computational aspects of arithmetic geometry; USN; J.J. Cannon
- Dr Mark Watkins; Georgia; 17 March to 19 April 2006; Computational methods in arithmetic geometry; USN; J.J. Cannon
- Dr Gwendal Le Grand; Groupe des Ecoles de Télécommunication and Télécom Paris; 10 to 21 April 2006; –; DKU; Lynn Batten
- 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
- Dr Alice Devillers; Libre de Bruxelles; 25 March to 4 May 2006; –; UWA; Prof. Cheryl Praeger
- Prof. Laurent Cavalier; Aix-Marseille; 4 April to 5 May 2006; Statistical Inverse Problems' USN; M. Raimondo
- 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
- Kim Lund Larsen; Aarhus University Denmark; 24 January to 1 July 2006; Analytic Number Theory; MQ; Prof. W. Chen
- 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
- Prof. Mikael Passare; University of Stockholm; July 2006; Algebraic geometry; UNE; G. Schmalz
- Prof. Jun Hu; Beijing Institute; 5 August to 5 September 2006; Hecke Algebras; USN; A.P. Mathas
- Dr Satoshi Koike; –; 1 August to 29 September 2006; Equisingularity problems; USN; L. Paunescu
- Prof. Dan Schafer; Oregon State University; 1 February to 31 December 2006; –; UWA; Dr Berwin Turlach
- Dr Alex Kitaev; Steklov Institute; 5 April to 5 August 2006 and 7 September to 31 December 2006; Singularities; USN; N. Joshi
- Dr Damien Stehle; French Ministry of Education; 29 January 2006 to 28 January 2007; Lattice reduction; USN; J.J. Cannon
- Prof. Buyung-Moo Kim; Chungju National; 31 July 2006 to 31 July 2007; Integral Theory; USN; D.E. Taylor