



## News

### Appointments

#### La Trobe University:

- Dr Brian Davey has been appointed Executive Editor for Algebra Universalis.
- Dr Volker Grimm, Dr Theo Tuwankotta and Dr Yajuan Sun have recently been appointed as research fellows in Professor Reinout Quispel's group.

#### University of Ballarat:

- Professor of Computer Science Mirka Miller joined UB in March from the University of Newcastle.
- Dr Joe Ryan also joined the staff in March, from the University of Newcastle, as Lecturer (Level B) in Information Systems and Mathematics.
- Dr Des Robbie also joined the staff in March, as a Principal Research Fellow and Principal Teaching Fellow.
- Dr Sue Bolton has been appointed as Lecturer in Project Management. She will be joining the University of Ballarat from Western Australia in mid-June.

#### University of Melbourne:

- Dr Natashia Boland has been promoted to Associate Professor.
- Dr Sue Finch has been appointed as a consultant in the department's Statistical Consulting Centre.

#### University of Newcastle:

- Dr Aidan Sims has been appointed to the position of Research Academic for a five year period.

#### University of Southern Queensland:

- Dr Mingren Shi has joined the department as a Lecturer Level B.



### Awards

Dr Gaurav Singh of the University of Western Sydney and Dr Yakov Zinder of the University of Technology, Sydney won the best paper award on the branch of Scheduling Theory in The International Symposium on Scheduling 2004, for their joint paper "Preemptive Scheduling on Parallel Processors with Due Dates". The conference was held from May 24–26 2004 at Hyogo, Japan. The award was sponsored by the Scheduling Society of Japan.



## ATSE Clunies Ross Award 2005

Nominations are now invited for the ATSE Clunies Ross Award for 2005, providing an opportunity to celebrate Australia's outstanding scientific achievers. Since 1991 this Award has now recognised and honoured 80 people for their successful application of science and technology for the economic, social or environmental benefit of Australia.

Please note that nominations close on Friday 30 July 2004. The winners will be announced and presented with a silver medal at the Award Ceremony Dinner in March 2005 at the Sofitel Melbourne. A nomination form and criteria is available for downloading on the Clunies Ross website at <http://www.cluniesross.org.au> or by contacting the Award Secretary on (03) 9347 0622 or e-mail [maryb@atse.org.au](mailto:maryb@atse.org.au).

Mary Bolger, Manager, ATSE Clunies Ross Award



## Completed PhDs

### University of Melbourne:

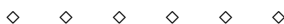
- Dr Stanislaus Suryadi Uyanto, *Regression with symmetric alpha-stable distribution*, supervisors Dr Ray Watson, Prof. Tim Brown.

### University of Newcastle:

- Dr Aidan Sims,  *$C^*$ -algebras associated to higher-rank graphs*, supervisor Prof. Iain Raeburn.

### University of Southern Queensland:

- Dr Zhirul Hoque, *Improved estimation for linear models under different loss functions*, supervisor Dr Shahjahan Khan.



## Conferences

### Polynomial-Based Cryptography

7 – 12 July, AMSI headquarters, Melbourne

Web: <http://www.it.deakin.edu.au/cryptography2004>

This conference on Polynomial-Based Cryptography is sponsored by Deakin University in collaboration with AMSI, iCORE and the Australian Computer Society.

### Joint AMSI/CoE MASCOS Workshop “Integrable Systems, Rigorous Asymptotics and Applications”

22 – 23 August 2004, AMSI, Melbourne

Web: <http://www.ms.unimelb.edu.au/~nsw/amsi2004/>

Invited speaker: Professor Percy Deift (Courant Institute of Mathematical Sciences, New York University).

### Computational Techniques And Applications Conference: CTAC 2004

27 September – 1 October 2004, The University of Melbourne

Web: <http://www.conferences.unimelb.edu.au/CTAC2004/>

### 48th Australian Mathematical Society Annual Conference (2004)

28 September – 1 October 2004, RMIT, Melbourne

Director: Kathy Horadam

E-mail: [kathy.horadam@ems.rmit.edu.au](mailto:kathy.horadam@ems.rmit.edu.au)

Web: <http://www.ma.rmit.edu.au/austms04/>

Invited speakers:

Rosemary Bailey (QMC, London, Combinatorial designs)

Alberto Bressan (SISSA, Trieste, Hyperbolic PDEs)

Lou Caccetta (Curtin, WA, Complex systems/Optimisation)

Danny Calegari (Caltech, USA, Low-dimensional topology)

Etienne Ghys (ENS-Lyon, Geometry and dynamical systems)

Boris Mordukhovich (Wayne State, USA, Non-smooth analysis)

Neil Sloane (Shannon Labs AT&T, USA, Discrete mathematics)

Vladimir Voevodsky (IAS Princeton, Algebraic geometry, homotopy)

As well as the program of Invited Speakers, there are Special and General Sessions. The Special Sessions are in Algebra, Coding and Cryptography, Combinatorics, Complex systems, Group Actions, Nonsmooth analysis and optimisation with applications, PDEs and Harmonic analysis, and Geometry and Topology.

If you are interested in presenting a talk in a Special or general Session, please contact the organiser directly.

### International Conference on Mathematical Inequalities and their Applications

6 – 8 December 2004, Victoria University, Melbourne

Web: <http://rgmia.vu.edu.au/conference>

### 6th International Conference on Optimization: Techniques and Applications

9 – 11 December 2004, University of Ballarat

Web: <http://www.ballarat.edu.au/icota>

### 2004 World Conference in Natural Resource Modelling

12 – 15 December 2004, RMIT, Melbourne

Web: <http://www.ma.rmit.edu.au/2004RMAconference>

### The First International Workshop on Intelligent Finance (IWIF 1)

13 – 14 December 2004, Crown Promenade Hotel, Melbourne

Web: <http://www.iwif.org>

This workshop is sponsored by Australia and New Zealand Banking Group Limited (ANZ), Australian Technical Analysts Association (ATAA) and the University of Ballarat. Workshop Official Contacts are: for academic issues, Dr Heping Pan, [h.pan@ballarat.edu.au](mailto:h.pan@ballarat.edu.au); for organizational issues, Wayne Hurst [w.hurst@ballarat.edu.au](mailto:w.hurst@ballarat.edu.au).

**The 2004 NZIMA Conference in Combinatorics and its Applications and The 29th Australasian Conference in Combinatorial Mathematics and Combinatorial Computing (29ACCMCC) (Joint Conference)**

13 – 18 December 2004, Lake Taupo, New Zealand

Web: <http://www.nzima.auckland.ac.nz/combinatorics/conference.html>

**Geometry: Interactions with Algebra and Analysis**

January – June 2005, Auckland

Web: <http://www.math.auckland.ac.nz/Conferences/2005/geometry-program>

**Mathematics-in-Industry Study Group 2005**

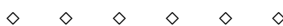
24 – 28 January 2005, Massey University at Albany, Auckland, New Zealand

Web: <http://misg2005.massey.ac.nz>

**ANZIAM 2005**

30 January – 3 February 2005, Napier, New Zealand

Web: <http://www.math.waikato.ac.nz/anziam05>



**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 Vitali Kapovitch; University of California at Santa Barbara; 26 June to 12 July; –; UMB;  
Prof. J Hyam Rubinstein

Dr David Mason; South Africa; 1 February to 15 July; - ; UWA

Prof. Dean Hoffman; Auburn University; 2 to 21 July; graph theory/discrete mathematics;  
UQL; Dr Bevan Thompson

Prof. Larry Goldstein; University of Southern California; 4 to 25 July; –; UMB; Dr Aihua  
Xia

Prof. David Clark; SUNY New Paltz; 12 to 30 July 2004; Universal algebra, duality theory;  
LTU; Dr Brian Davey

Prof. Peter Cameron; Queen Mary University of London; 25 to 31 July; discrete mathematics/  
group theory; UQL; Dr Bevan Thompson

Dr Howard Silcock; ANU; to 31 July ; Advanced computation and modelling; ANU; Dr  
Markus Hegland

Prof. Anyue Chen; University of Greenwich; 8 July to 1 August; Stochastic Processes; UQL;  
Dr Phil Pollett

Prof. Kangrong Tan; Kurume U; to 1 August; Stochastic analysis; ANU; Dr Daryl Daley

Prof. Guy Latouche; Universite libre de Bruxelles; 19 July to 13 August; –; UMB; Prof.  
Peter G. Taylor

Prof. Curt Lindner; Auburn University; 27 July to 15 August; discrete mathematics; UQL;  
Dr Bevan Thompson

- Prof. Yongqiang Fu; Harbin University, China; until 15 August 2004; Partial Differential Equations; UQL; Dr Bevan Thompson
- Dr Tom ter Elst; Eindhoven University of Technology; 10 July to 21 August; Analysis and Geometry; ANU; Prof. Derek Robinson
- Prof. Amnon Birman; RAFAEL; to August 21; Advanced Computation and Modelling; ANU; Dr Stephen Roberts
- Dr Yueping Zhu; Nantong University; 5 July to 21 August; Analysis and Geometry; ANU; Prof. Derek Robinson
- Prof. David Evans; University of Wales; 2 to 25 August; Analysis and Geometry; ANU; Prof. Alan Carey
- Prof. Gregory Vial; ENS, France; 15 July to 25 August; Advanced Computation and Modelling; ANU; Dr Markus Hegland
- Prof. Lenny Jones; Shippensburg University; 16 to 26 August; Hecke algebras, group theory and number theory; UWS; Dr Andrew Francis
- Dr Bryan Wang; University of Zurich; 1 August to 31 August; Analysis and Geometry; ANU; Prof. Alan Carey
- Prof. Yu Yuan; University of Washington; 1 to 31 August; Nonlinear and Applied Analysis; ANU; Prof. Neil Trudinger
- Prof. M.X. Tang; Michigan State U; August 2004; –; UNE; –
- Prof. Michal Feckan; Bratislava, Slovakia; August 2004; Differential Equations; UQL; Dr Bevan Thompson
- Prof. Percy A. Deift; New York University; 16 August to 5 September; Riemann-Hilbert problems and rigorous asymptotics; UMB; Dr Nicholas Witte
- Dr Richard Samworth; University of Cambridge; 5 August to 7 September; Statistical Science; ANU; Prof. Peter Hall
- Prof. Rosemary Bailey; Queen Mary University of London; 25 July to 10 September; experimental designs; UQL; Dr Bevan Thompson
- Dr Alik Muradova; Tbilisi State U; to 17 September; Advanced computation and modelling; ANU; Dr Markus Hegland
- Prof. Raymond Carroll; Texas A&M; 1 August to 30 September; Statistical science; ANU; Prof. Peter Hall
- Prof. Nina Ivochkina; St Petersburg State University; 1 August to 30 September; Nonlinear and Applied Analysis; ANU; Prof. Neil Trudinger
- Prof. Hsin-Chou Yang; Academia Sinica; 16 to 30 September; Statistical Science; ANU; Prof. Richard Huggins
- Zhiwen Qi; Shen Zhen Polytechnic; 30 March to September 2004; aspect-oriented programming and group decision support systems; UB; John Yearwood
- Prof. Li Ma; Tsinghua U; September 2004; –; UNE; –
- Prof. Z.M. Guo; Donghua U; September to November 2004; –; UNE; –
- Etienne Ghys; ENS-Lyon; 18 September to 3 October; Geometry and Dynamical Systems; LTU; Grant Cairns
- Marcel Nicolau; Universitat Autònoma de Barcelona; 18 September 18 to 3 October; Differential Geometry; LTU; Grant Cairns
- Dr Soenke Blunck; University de Cergy-Pontoise; 1 September to 15 October; Analysis and Geometry; ANU; Prof. Alan McIntosh
- Prof. Samuel Muller; U Bern; 27 October to 1 November; Statistical science; ANU; Prof. Alan Welsh

- Prof. Denis White; University of Toledo; 3 to 24 November; Analysis and Geometry; ANU; Prof. Alan Carey
- Prof. Bill Lampe; University of Hawaii; 7 November to 11 December; Universal algebra, lattice theory; LTU; Dr Brian Davey
- Dr David Pike; Memorial University of Newfoundland; 18 October to 11 December; discrete mathematics/graph theory; UQL; Dr Bevan Thompson
- Prof. Chengxiu Gao; Wuhan University; 15 September to 15 December; –; UMB; Dr Sanming Zhou
- Dr Miroslav Haviar; M. Bel University, Slovakia; 18 October to 18 December; Universal algebra, duality theory; LTU; Dr Brian Davey
- Dr Michael Levitan; USA; January to December 2004; –; UWA
- Prof. Dongsheng Tu; Queen's U; 1 February to 31 December; Statistical science; ANU; Profs. Peter Hall and Sue Wilson
- Prof. Gi-Sang Cheon; Daejin U, South Korea; 15 January 2004 to 15 January 2005; linear algebra and combinatorics; ANU; Dr Ian Wanless
- Prof. Ralph Stohr; UMIST; 27 August 2004 to 27 January 2005; Algebra and Topology; ANU; Dr Laci Kovacs
- Prof. Chaohua Dong; China; 1 February 2004 to 31 January 2005; –; UWA
- Prof. Karl Hofmann; Technische Universitat Darmstadt; 1 October 2004 to 31 January 2005; topological groups and semigroups; UB; Sidney A. Morris
- Prof. Jean Bertoin; University Pierre et Marie Curie; 14 January 2005 to 14 February 2005; Stochastic Analysis; ANU; Prof. Ross Maller
- Dr Alex Lindner; Technischen University; 16 January to 12 April 2005; Stochastic Analysis; ANU; Prof. Ross Maller
- Prof. Wen-Han Hwang; Feng Chia University; February to August 2005; Statistical Science; ANU; Prof. Richard Huggins

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