



AUSTRALIAN RESEARCH COUNCIL
Centre of Excellence for Mathematics
and Statistics of Complex Systems

Australian Research Council Centre of Excellence for Mathematics and Statistics of Complex Systems

PhD Scholarships in Mathematics and Statistics

The ARC Centre of Excellence for Mathematics and Statistics of Complex Systems (MASCOS) announces the availability of PhD Scholarships in Mathematics and Statistics.

The MASCOS mission is to stimulate research in mathematical and statistical modelling of complex systems, to encourage cross-fertilisation of ideas and techniques in this field, and to apply this knowledge to the analysis of complex systems.

Successful applicants for MASCOS scholarships will hold them at participating MASCOS institutions. These institutions are **The University of Melbourne, The Australian National University, The University of NSW, La Trobe University** and **The University of Queensland**. Additional funding for scholarships will be provided by the **Australian Mathematical Sciences Institute (AMSI)**.

Major current MASCOS research programs include **Critical Phenomena, Dynamical Systems, Computational Methods and Algorithms, Risk Modelling, Statistical Modelling and Control of Complex Systems**, and **Optimisation and Networks**. Further information is available in MASCOS's 2005 Annual Report, available for download at www.complex.org.au

The MASCOS PhD Scholarships will be amongst the most attractive in the field. To be eligible for the scholarships, applicants must hold a First Class Honours degree in mathematics, statistics or a related discipline and have successfully applied for an Australian Postgraduate Award (APA) scholarship. MASCOS will top up the APA to A\$27,000 per annum for two years commencing early in 2007, with the possibility of a further year's extension. Holders of these scholarships will also have access to a maintenance fund of A\$3,000 per annum to be used for study-related expenses. Please note that these scholarships are only available to permanent residents of Australia.

Expressions of interest should be made either through the MASCOS Director, Professor Tony Guttman (email: director@complex.org.au), or one of MASCOS's component institutions:

The University of Melbourne: Professor Peter Taylor; pgt@ms.unimelb.edu.au

The Australian National University: Professor Richard Brent; Richard.brent@anu.edu.au

The University of NSW: Professor Ian Sloan; isloan@unsw.edu.au

La Trobe University: Professor Reinout Quispel; r.quispel@latrobe.edu.au

The University of Queensland: Professor Phil Pollett; pkp@maths.uq.edu.au

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