

ICE-EM / AMSI Summer School 2007

Sponsors

International Centre of Excellence for Education in Mathematics (ICE-EM)

The [International Centre of Excellence for Education in Mathematics \(ICE-EM\)](#) is the major sponsor of the ICE-EM/AMSI Summer School 2007 in Mathematics. One of ICE-EM's fundamental tasks is to improve Australia's mathematical sciences skills base through improved mathematics education in schools, undergraduate studies and research training. Another task is to make studying the mathematical sciences in Australia attractive to both Australian and international students.

ICE-EM is funding a range of initiatives, including developing new mathematics courseware for delivery through a network of Access Grid Rooms in universities; providing professional development programs and teacher resources for schools; presenting intensive courses for industry practitioners and scientific researchers; and carrying out a national Careers in Mathematics campaign targeted at students and their parents. ICE-EM is working collaboratively with the Australian Mathematics Trust to develop resources for teachers, students and the community.

ICE-EM is funded by the Australian Government through the Department of Education, Science and Training. It is managed by the Board of the Australian Mathematical Sciences Institute (AMSI) and guided by its Education, Industry and Science Advisory Committees.

Australian Mathematical Sciences Institute (AMSI)

The [Australian Mathematical Sciences Institute \(AMSI\)](#) was established in November 2002 with initial funding of \$1M from the Victorian Government's Science, Technology and Innovation Infrastructure grants program and matching funds from a consortium of Australian universities and other mathematical organisations. AMSI's mission is to become a nationally and internationally recognised centre for the mathematical sciences, providing service to its member institutions, improving the international competitiveness of Australian industry and commerce and enhancing the national level of school mathematics, by the provision and support of mathematical and statistical expertise.

The University of Sydney

The [University of Sydney](#), founded in 1850, is Australia's first university. Over the past 150 years, the University has built an international reputation for its outstanding teaching and as a centre of research excellence.

As one of Australia's leading universities, the University of Sydney is a key member of the [Group of Eight](#) of Australia's major research intensive universities and the [Association of Pacific Rim Universities \(APRU\)](#).

For the past four years, Sydney has led the nation in winning competitive funding from the [Australian Research Council \(ARC\)](#). The University has nine of the Federal government's 49 prestigious Federation Fellowships and performs strongly in research conducted collaboratively with industry.

CSIRO Mathematical and Information Sciences

[CSIRO Mathematical and Information Sciences](#) employs over 100 researchers in statistics and mathematics. We cre-

ate tools and analysis methods that improve decision making and information delivery for our customers in biotechnology, health, business services, industrial processing and environmental monitoring.

More information is at <http://www.cmis.csiro.au>

The MathWorks

Since its founding in 1984, **The MathWorks** has become the leading global provider of software for technical computing and Model-Based Design. Headquartered in Natick, Massachusetts, The MathWorks currently employs more than 1,500 people worldwide.

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