

# ARC Centre for Complex Systems, Australia



[www.accs.edu.au](http://www.accs.edu.au)

## Complex Systems Winter School

The University of Queensland, Brisbane,  
Australia

4 to 8 July 2005

What do genes have in common with  
aircraft and with farmers irrigating  
their fields?

The ARC Centre for Complex Systems invites honours, early-program PhD, and high-achieving third year students from Australia and New Zealand to participate in its Complex Systems Winter School. Students in Biology, Mathematics, Economics and Computer Science are particularly invited.

Complex systems pervade the modern world. Individuals, societies, economies and environments are highly interconnected by intricate, dynamically changing networks. Actions in one part of the network (for example, by genes, aircraft or farmers irrigating their fields) can have unexpected consequences in other parts.

Complex systems science is an emerging discipline developing new ways of investigating complex systems across diverse areas such as biology, social networks and socio-technological systems, economics, ecology and the environment.

Through a mix of lectures and hands-on challenges, participants will gain an understanding of complex systems science and its application to real-life scenarios.

Generous travel and accommodation scholarships are on offer.

Further information may be found on the ACCS web site  
[www.accs.edu.au](http://www.accs.edu.au).

Registration closes 17<sup>th</sup> June. Applications for travel and accommodation scholarships close on 20<sup>th</sup> May.



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