

2006 Winter School in Mathematical and Computational Biology

**Hosted by
ARC Centre in Bioinformatics
and
Institute for Molecular Bioscience
The University of Queensland**

**26 - 30 June 2006
Queensland Bioscience Precinct, Brisbane QLD**

For advanced undergraduate and postgraduate students, and researchers in mathematics, statistics, IT, CS or any area of science who want to learn about current problems and opportunities in computational bioscience.

Monday 26th: Machine learning applied to sequence analysis

Mark Borodovsky, Georgia Institute of Technology; Tim Bailey, IMB; Paul Horton, AIST Japan; Martin Frith, IMB and RIKEN Genomic Science Center

Tuesday 27th: Combinatorial optimisation in bioinformatics; Software workshops

Regina Berretta, University of Newcastle; Pablo Moscato, Newcastle Bioinformatics Initiative; Tim Bailey, IMB; Paul Taylor, Mathworks; James J. Cai, Stanford University

Public lecture: Andrew Roger, Dalhousie University

Wednesday 28th: Evolutionary genomics

Mike Hendy, Allan Wilson Centre New Zealand; Barbara Holland, Massey University; Michael Charleston, University of Sydney; Charles Semple, University of Canterbury; Alexei Drummond, University of Auckland

Thursday 29th: Microarrays and analysis of microarray data

Sean Grimmond, IMB; Terry Speed, University of California Berkeley & WEHI; Liat Ben-Tovim Jones, IMB; Toni Reverter, CSIRO Livestock Industries; Kim-Anh Do, MD Anderson Cancer Center; Geoff McLachlan, University of Queensland

Friday 30th: The e-research / Grid paradigm

David Abramson, Monash University; Jane Hunter, University of Queensland; Ah Chung Tsoi, Monash University; David Hansen, e-Health Research Centre; Tin Wee Tan, National University of Singapore

****** Registration is now open ******

<http://bioinformatics.org.au/ws06>

