

MACQUARIE UNIVERSITY  
DIVISION OF ECONOMIC & FINANCIAL STUDIES  
**DEPARTMENT OF STATISTICS RESEARCH CONGRESS 2004**

(A '\*' before a name indicates that the speaker is a full-time PhD student who is not a member of staff.)

**Programme**

- 1.1 Graham Wood - How to estimate a proportion.
  - 1.2 David Bulger - The gist of quantum computers.
  - 1.3 Malcolm Hudson and Jun Ma - Block iterative Fisher scoring algorithms.
  - 1.4 \*Fabien Huard and Dongwen Luo - Sequential aspect in protein folding.
  - 1.5 Anne Karpin - Alzheimer's Disease and the use of Linkage Analysis to identify both causative and susceptibility genes.
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- 2.1 Tania Prvan - Correlated Interpolation Smoother.
  - 2.2 \*Dorothy Wong - Statistical Methods in the Analysis of Genomic and Proteomic Data.
  - 2.3 Stephen Brown - Quantitative Trait Loci mapping in experimental backcross populations of sheep.
  - 2.4 Peter Petocz - Investigating Students' Ideas about Statistics, Mathematics, Learning and their Future Professions.
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- 3.1 Gillian Heller - Estimating the Number of Visits to the Doctor.
  - 3.2 Alec Stephenson - Simultaneous estimation of models for extreme events.
  - 3.3 Hilary Green – grapharti.
  - 3.4 \*Duangdaw Sirisatien (Yui) - Optimal Animal Nutrition.
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- 4.1 Jun Ma - Smoothing parameter selection in medical image reconstruction problems.
  - 4.2 Ruth Penman - Longitudinal and Incomplete Data Analysis – an Overview.
  - 4.3 Julian Leslie - Problem Gamblers and Pencil Update.
  - 4.4 Barry Quinn - Statistical Methods of Spectrum Change Detection.