



**UNIVERSITY OF
STIRLING**

**MATHEMATICS & STATISTICS SEMINARS
Spring 2009**

DEPARTMENT OF
COMPUTING SCIENCE
AND MATHEMATICS

All seminars take place Tuesdays,
at 4 pm, in 4B94 Cottrell Building.

University of Stirling
Stirling FK9 4LA Scotland

Telephone: +44 (0) 1786 467421
Facsimile: +44 (0) 1786 464551

10th March [Adam Kleczkowski](#) **University of Stirling (Department of Computing Science and Mathematics)**

To treat or not to treat: Searching for the most effective strategy of controlling epidemics

17th March [Rowland Kao](#) **University of Glasgow (Faculty of Veterinary Medicine)**
Learning from Livestock - Social Network Models in Veterinary Epidemiology

24th March [Andrea Wilson](#) **Scottish Agricultural College (Sustainable Livestock Systems)**

Modelling infection and immune response in domestic livestock

31st March [Steve Buckland](#) **University of St. Andrews (Centre for Research into Ecological and Environmental Modelling)**

Embedding population dynamics models in inference

14th April [Ernesto Estrada](#) **University of Strathclyde (Institute of Complexity Sciences, Department of Mathematics and Department of Physics)**

Centrality and Communicability in Complex Networks

21st April [Kenneth Lindsay](#) **University of Glasgow (Department of Mathematics)**

Mathematical equivalence between branched and unbranched dendritic structures

28th April [Douglas Speirs](#) **University of Strathclyde (Department of Statistics and Modelling Science)**

Modelling length-structured fish communities

26th May [Peter Hinow](#) **University of Minnesota (Institute for Mathematics and its Applications)**

A continuous model for microtubule dynamics with catastrophe, rescue and nucleation processes

All welcome. Further details from Jozsef Farkas, 01786 467464, jzf@maths.stir.ac.uk