



**UNIVERSITY OF
STIRLING**

**MATHEMATICS & STATISTICS SEMINARS
Fall 2010**

DEPARTMENT OF
COMPUTING SCIENCE
AND MATHEMATICS

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

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28th September [Darren Green](#) University of Stirling, Institute of Aquaculture
The potential for targeted surveillance of animal movements.

5th October [Des Higham](#) University of Strathclyde, Department of Mathematics
and Statistics
Complex networks with applications in biology and technology.

12th October [Alan Terry](#) University of Dundee, Division of Mathematics
Impulsive adult culling of a stage-structured pest.

19th October [Paul Macklin](#) University of Dundee, Division of Mathematics
Agent-based cancer modelling: patient calibration and simulation results.

2nd November [Sean McKee](#) University of Strathclyde, Department of
Mathematics and Statistics
Cardiac output, cartilage, stents and pregnancy: modelling medical devices.

9th November [Nick Hill](#) University of Glasgow, Department of Mathematics
Flow and pressure in the pulmonary circulation.

16th November [Peter Swain](#) University of Edinburgh, Centre for Systems
Biology
Measuring and modelling stochastic gene expression.

23rd November [Jan Engelstädter](#) ETH Zürich, Institut f. Integrative Biologie
The effective size of populations infected with sex-ratio distorting microbes.

30th November [Chris Robertson](#) University of Strathclyde, Department of
Mathematics and Statistics
Statistical aspects of disease surveillance systems at health protection Scotland.

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