



UNIVERSITY OF
STIRLING

MATHEMATICS & STATISTICS SEMINARS
Fall 2007

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

DEPARTMENT OF
COMPUTING SCIENCE
AND MATHEMATICS

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18 September [A.R.A. Anderson](#) Dundee
Tumour Morphology and Mutation Driven by Microenvironment
Selection: Insights from a Hybrid Multiscale Mathematical Model

2 October [Jonathan Sherratt](#) Heriot-Watt
Modelling Vegetation Patterns in Semi-Arid Environments

16 October [Stephen Gourley](#) Surrey
The mathematics of mosquito born diseases

30 October [Jozsef Farkas](#) Stirling
Multispecies size-structured populations: stability of a model for *Daphnia magna*.

6 November [Magda Carr](#) St. Andrews
Penetrative convection in a superposed porous-medium-fluid layer

13 November [Adam Kleczkowski](#) Stirling
Predicting and controlling variable epidemics

20 November [Radostin Simitev](#) Glasgow
Conditions for propagation and block of excitation in an asymptotic
model of atrial tissue

27 November [Bruce Graham](#) Stirling
Dynamics of information processing in the brain

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