



Applied Mathematics Seminars

Autumn Term 2009

Tuesday 20th October, 2:00pm Prof. Axel Pries, Charité - Universitätsmedizin Berlin
Microvascular adaptation and the endothelial surface layer

Tuesday 3rd November, 2:00pm Dr. Radek Erban, University of Oxford
Stochastic modelling of reaction, diffusion and taxis processes in biology

Tuesday 10th November, 2:00pm Dr. Tomas Johansson, University of Birmingham
Inverse acoustic sound-soft multiple scattering using topological derivatives

Tuesday 17th November, 2:00pm Dr. Magda Carr, University of St. Andrews
Stability characteristics of large amplitude internal solitary waves

Tuesday 24th November, 2:00pm Prof. Des Higham, University of Strathclyde
Analysis of some simple stochastic models and algorithms in gene regulation

Tuesday 1st December, 2:00pm Dr. Dumitru Trucu, University of Dundee
Inverse problems for the bio-heat equation

Tuesday 8th December, 2:00pm Dr. Alan Terry, University of Dundee
Impulsive adult culling of a stage-structured pest

Tuesday 15th December, 2:00pm Dr. Pras Pathmanathan, University of Oxford
Computational cardiac electro-mechanics

Unless otherwise indicated, seminars will be held in room 1.43L in the Maths building next to the MSI complex at the top of Old Hawkhill. All interested are welcome to attend. Tea will be available at 3:00pm in the Staff Common Room. External visitors are advised to confirm arrangements with the Secretary, Mrs. Fox: Tel. (01382) 384471.

M. Chaplain
September 2009