



Applied Mathematics Seminars

Spring Term 2010

Tuesday 26th January, 2:00pm Dr. Mahboubeh Asgari-Targhi, University College London
Self-organized braiding and the structure of coronal loops

Tuesday 2nd February, 2:00pm Dr. Anna Marciniak-Czochra, University of Heidelberg
Characterisation of stem cells using mathematical models

Tuesday 9th February, 2:00pm Dr. Ineke de Moortel, University of St. Andrews
Seismology of 3D Numerical Simulations of Coronal Loop Oscillations

Tuesday 16th February, 2:00pm Dr. Maria Carmen Romano, University of Aberdeen
Traffic jams in the cell: lost in translation

Tuesday 23rd February, 2:00pm Prof. David Gavaghan, University of Oxford
*Issues in multiscale computational modelling at the organ/disease level:
How we ended up developing a large computational biology software package by accident*

Tuesday 2nd March, 2:00pm Prof. Philip Maini, University of Oxford
Modelling aspects of cancer progression and therapy

Tuesday 9th March, 2:00pm Prof. Assyr Abdulle, EPFL
Numerical techniques for stiff and multiscale problems

Wednesday 17th March, 3:15pm Prof. Odo Diekman, University of Utrecht
On variable maturation delay

Tuesday 23rd March, 2:00pm Dr. Gibin Powathil, University of Dundee
*Modelling brain tumours:
Effects of the microenvironment and associated therapeutic strategies*

Tuesday 30th March, 2:00pm Dr. Marco Thiel, University of Aberdeen
Recurrences - how they determine dynamics and topology

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
January 2010