

**Universities of Glasgow and Strathclyde
Centre for Mathematics Applied to the Life Sciences**

Research Meeting on Mathematical Modelling in Systems Biology

Wednesday 4th February, 2009 in Room 326, Mathematics Building, 15 University Gardens,
University of Glasgow.

Programme

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| 1300 – 1310 | CMALS Annual General Meeting & Elections to Executive Committee |
| 1310 – 1340 | Modelling Biological Networks: Interactions and Noise
<i>Prof Des Higham</i> , <i>Department of Mathematics, University of Strathclyde</i> |
| 1340 – 1410 | Candidate genes for salt sensitivity in hypertensive rat strains
<i>Dr Martin McBride</i> , <i>BHF Cardiovascular Research Centre</i> |
| 1410 – 1440 | Mathematical modelling of gene expression for salt-sensitive hypertension
<i>Dr Tianhai Tian</i> , <i>Department of Mathematics, University of Glasgow</i> |
| 1440 – 1500 | Discussion & Tea |
| 1500 – 1600 | Modelling cellular homeostasis
<i>Dr Virgilio Lew</i> , <i>Department of Physiology, Development and Neuroscience, University of Cambridge</i>
& <i>Prof Mike Blatt</i> , <i>Plant Physiology and Biophysics, University of Glasgow</i> |
| 1600 – 1630 | Efficiently Exploring Hypothesis-Space: The Role of Bayesian Methodology in (Systems) Biology
<i>Prof Mark Girolami</i> , <i>Department of Computing Science, University of Glasgow</i> |

Everyone is welcome to attend. For further information, contact Prof Nick Hill, Department of Mathematics, University of Glasgow (N.A.Hill@maths.gla.ac.uk, 0141 330 4258).