

Autumn Term 2010/2011

Monday 15 November 2010

Movement in Models of Mathematical Biology

Organisers: Colm Connaughton (Warwick), Robert Mackay (Warwick) and Mauro Mobilia (Leeds)

This is a meeting of the London Mathematical Society supported network CoSyDy
All talks will take place in Room **B3.02**, Mathematics Institute, University of Warwick

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| 12:45 | Buffet Lunch in the Mathematics Institute Common Room |
| 13:25 | Welcome from the organisers |
| 13:30 - 14:30 | Jon Pitchford (York) <i>Optimal Foraging for the Stupid</i> |
| 14:30 - 15:00 | Alan Winfield (UWE) <i>Swarm Robotics: A Short Review</i> |
| 15:00 - 15:30 | Adnan Ali (Warwick) <i>Pattern Formation Through Genetic Drift at Expanding Population Fronts</i> |
| 15:30 - 16:00 | Tea in the Mathematics Institute Common Room |
| 16:00 - 17:00 | Radek Erban (Oxford) <i>Individual-based Models for Collective Behaviour</i> |
| 17:00 - 17:30 | Thomas House (Warwick) <i>How Germs Use Us to Move Around</i> |
| 17:30 | Wine and snacks in the Mathematics Institute Common Room |

For detailed MIR@W programmes please see our website: go.warwick.ac.uk/miraw/days