

Mathematical Modelling of Dynamics in Biological Systems

Friday 27 August 2010, seminar room M203 (second floor)
School of Mathematical Sciences, Queen Mary University of London

A one-day event of the London Dynamical Systems Group, supported by the London Mathematical Society and the QMUL EPSRC-funded "Bridging the Gaps" project.

The workshop brings together theoretical and experimental biologists, physicists and applied mathematicians who share a common interest in understanding the dynamics of biological systems.

Programme

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| 10.00 - 10.30 Welcome: tea and coffee in the common room | 15.15 - 15.45 Tea and Coffee in the common room |
| 10.30 - 11.00 Ines Weber, Saarbruecken, Germany: Fluctuations of intracellular filaments | 15.45 - 16.30 Jon Pitchford, York, UK: Evolutionary Optimality in Stochastic Search Problems |
| 11.00 - 11.30 Enrique Abad, Oxford, UK: Subdiffusive target search in the presence of ongoing death processes | 16.30 - 17.00 Friedrich Lenz, London, UK: Dynamics of foraging bumblebees under variation of environmental conditions |
| 11.35 - 12.20 Peter Dieterich, Dresden, Germany: Dynamics of directed cell migration | 17.00 - 17.30 Round table discussion: Foraging strategies of organisms - a unifying picture? |
| 12.20 - 13.45 Lunch | 17.30 Drinks, discussions and dinner |
| 13.45 - 14.30 Nicholas Watkins, Cambridge, UK: Noah, Joseph, and Convex Hulls | |
| 14.30 - 15.15 David Sims, Plymouth, UK: Levy flights and the search behaviour of predators | |

Everybody is welcome!
Registration is not necessary.

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