Conference and Training Course in Emergent Themes in Biophysics

Networks, Excitability, and Motility

17-18 September 2007

Manchester Institute of Biotechnology, University of Manchester UK

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We present a one-day research meeting on emerging themes in biological physics combined with a one day training course intended for students and PDRAs who are considering a career in biophysical research. Programmes will be based on invited talks from leading UK researchers and will include poster sessions. They will highlight a series of emergent themes in biological physics.

Day one is a training session in which distinguished speakers discuss experimental and theoretical methods. It is primarily intended for graduate students and post-docs who are interested in exploring the possibility of interdisciplinary research at the interface between physics and biology. The session is not restricted to those already working in this area. The programmes of the two parts of this meeting are designed to be complementary: participants in the training session will be expected to attend on both days. Participants will be encouraged to present posters on their existing research projects.

Day two focuses on three rapidly developing fields in whose development physics is expected to play an important role over the next decade: networks, excitability, and motility. Presentations by experts in each of the three highlighted themes will start with an overview intended for non-specialists and will include state-of-the-art research. There will be a poster session. A limited number of contributed talks will be selected from submitted abstracts.

Organising committee

Dr. Tom Waigh: University of Manchester
Prof. Andrew Turberfield: University of Oxford

Enquiries:

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Organised by the Biological Physics Group of the Institute of Physics