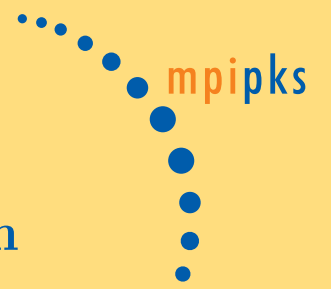




MAX-PLANCK-INSTITUT FÜR PHYSIK KOMPLEXER SYSTEME
DRESDEN, GERMANY



International Workshop on Statistical Physics and Biology of Collective Motion

November 8 - 12, 2010

Scientific coordination:

Andreas Deutsch

Technische Universität Dresden
Dresden, Germany

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Budapest, Hungary

Organisation:

Katrin Lantsch

The main goal of the workshop is the identification and documentation of new unifying principles describing the essential aspects of collective motion in living systems, being one of the most relevant and spectacular manifestations of collective behavior.



Scientific activity in this direction has recently grown very quickly. We will consider systems ranging from cultures of migrating tissue cells to ant colonies and flocks of birds. It is the aim of this workshop to pave the ways to possible new topics related to collective motion.

List of invited speakers:

Ezequiel Albano (Argentina)
Markus Bär (Germany)
Eshel Ben-Jacob (Israel)
Hugues Chaté (France)
Ian Couzin (USA)
Andras Czirok (USA)
Jacques Gautrais (France)
Irene Giardina (Italy)
Raymond Goldstein (UK)

Carl-Philip Heisenberg (Germany)
Charlotte Hemelrijk (The Netherlands)
Cristina Marchetti (USA)
Mitsugu Matsushita (Japan)
Fernando Peruani (Germany)
Sriram Ramaswamy (India)
Lutz Schimansky-Geier (Germany)
Christian Schmeiser (Austria)
David Sumpter (Sweden)

Applications for participation and poster contributions are welcome and should be submitted by using the application form on the event's web page (please see URL below). The number of attendees is limited. The **registration fee** for the focus workshop is **120 €** and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute for the Physics of Complex Systems. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

Deadline for registration is July 15, 2010.

For further information please contact:

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