

International Workshop on
Physics of Biological Systems

June 19 - 23, 2006

Scientific Coordination:

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Systems biology is a rapidly evolving field within biology. It aims at understanding complex biological processes through the interplay of a limited number of different types of components. Physics provides powerful concepts and tools for the analysis and description of such complex interacting systems. Interdisciplinary research between physics and biology is expected to open new directions of research in systems biology.

We will bring together leading scientists working on biological systems and complex cellular processes. In an interdisciplinary setting between physics and cell biology and between experiment and theory new developments and future challenges will be discussed.

Invited Speakers:

U. Alon (Rehovot)
R. Carthew (Evanston)
M. Göpfert (Köln)
J. Hudspeth (New York)
K. Kruse (Dresden)
D. Mullins (San Francisco)
A. Oates (Dresden)
J. Prost (Paris)
P.-R. ten Wolde
P.T. Tran (Philadelphia)

M. Bornens (Paris)
T. Duke (Cambridge, UK)
M. González-Gaitán (Dresden)
J.-F. Joanny (Paris)
L. Mahadevan (Cambridge, USA)
E. Munro (Washington)
G.M. Odell (Washington)
P.K. Sorger (Cambridge, USA)
J. Theriot (Stanford)
C. Weijer (Dundee)

M.-F. Carlier (Gif-sur-Yvette)
S. Eaton (Dresden)
S. Grill (Berkeley)
E. Karsenti (Heidelberg)
A. Mogilner (Davis)
F. Nédélec (Heidelberg)
J. Paulsson (Cambridge, USA)
C. Sykes (Paris)
I.M. Tolic-Nørrelykke (Dresden)

Applications for participation and poster contributions are welcome and should be made by using the application form on the workshop web page (see web page below). The number of attendees is limited. The registration fee for the workshop is 100 €. Costs for accommodation and meals will be covered by the Max Planck Institute. In exceptional cases, limited funding is available to partially cover travel expenses.

Extended deadline for applications is April 15, 2006.



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