



Physics of Complex systems: from Padova to the rest of the world and back

Dipartimento di Fisica e Astronomia, aula B
via Marzolo 8, Padova, Italy
20th December 2012

PROGRAMME

13:45 – 14:00	Luca Cappellin <i>Proton Transfer Reaction - Mass Spectrometry coupled to bioinformatics: physicists working in a multidisciplinary field</i>
14:00 – 14:15	Gianmaria Falasco <i>Nanoparticles in non-isothermal systems</i>
14:15 – 14:30	Guglielmo Saggiorato <i>How a spermatozoon swims</i>
14:30 – 14:45	Caterina De Bacco <i>Optimization on networks: message-passing algorithms in a resource allocation models.</i>
14:45 – 15:00	Stefano Zamuner <i>Protein design with simplified scoring function</i>
15:00 – 15:15	Emanuele Locatelli <i>Anomalous diffusion in confined geometries</i>
15:15 – 15:30	Marco Neri Da Re <i>Simulations of flowing liquid crystals</i>
15:30 – 16:00	C o f f e e B r e a k
16:00 – 16:15	Luca Tubiana <i>Topological and geometrical entanglement in polymers: some knotty problems.</i>
16:15 – 16:30	Davide Michieletto <i>Ring polymers in gel: topology and dynamics</i>
16:30 – 16:45	Jacopo Grilli <i>Growth or Reproduction? Emergence of a Strategy</i>
16:45 – 17:00	Claudio Borile <i>Spatial disorder in the Voter Model</i>
17:00 – 17:15	Anna Battista <i>Modelling malaria parasite motility in heterogeneous environments</i>
17:15 – 17:30	Andrea Giometto <i>Scaling body size fluctuations</i>
17:30 – 18:30	S p r i t z s e s s i o n

Comitato Organizzatore:

Fulvio Baldovin
Enzo Orlandini
Antonio Trovato

Segreteria Organizzativa:

Adriana Schiavon
Dipartimento di Fisica e
Astronomia "
G. Galilei"
Università degli Studi di
Padova
Via F. Marzolo, 8 - 35131
Padova - Italy
Tel. +39-0498277000
Fax +39-0498277003