

Call for abstracts until 1 March 2013
www.dynamics-days-europe-2013.org

Invited Speakers

- Albert-László Barabási (USA)
Northeastern University
- Hugues Chaté (France)
Centre d'Etudes de Saclay
- Jordi García-Ojalvo (Spain)
Universitat Pompeu Fabra
- Yoshiki Kuramoto (Japan)
Kyoto University
- Anne Ly Do (Germany)
MPI for the Physics of Complex Systems Dresden
- Susanna Manrubia (Spain)
Centro de Astrobiología (CSIC-INTA)
- Cristina Masoller (Spain)
Universitat Politècnica de Catalunya
- Luciano Pietronero (Italy)
University of Rome "La Sapienza"
- Itamar Procaccia (Israel)
Weizmann Institute of Science
- Kenneth Showalter (USA)
West Virginia University
- Wolf Singer (Germany)
MPI for Brain Research Frankfurt am Main
- Cornelius Stam (Netherlands)
VU University Medical Center

Main Topics

- | | |
|----------------------|-------------------------------------|
| Nonlinear Dynamics | Non-equilibrium Statistical Physics |
| Fluid Dynamics | Complex Networks |
| Neural Dynamics | Population Dynamics |
| Quantum Chaos | Systems Biology |
| Pattern Formation | Many-particle Physics |
| Stochastic Processes | Econophysics |

Scientific Committee

- Javier M. Buldú (Madrid)
Nazareth Castellanos (Madrid)
Antonino Giaquinta (Madrid)
Fernando Maestú (Madrid)
David Papo (Madrid)
Oreste Piro (Palma de Mallorca)
Alexander Pisarchik (México)

Organizing Committee

- Stefano Boccaletti (Italy), chair
Juan Antonio Almendral (Madrid)
Ricardo Bajo (Madrid)
Ricardo Gutiérrez (Madrid)
Inmaculada Leyva (Madrid)
Adrián Navas (Madrid)
María Jesús Píoz (Madrid)
Francisco del Pozo (Madrid)
Daniel de Santos (Madrid)
Irene Sendiña-Nadal (Madrid)
Massimiliano Zanin (Madrid)

Engineering applications
pattern formation
turbulence and fluid dynamics
traffic flow
quantum chaos
socio and econophysics
granular media
chaos control
complex networks
stochastic processes
time series analysis
nonlinear dynamics
spatio temporal chaos
nonequilibrium statistical physics
neural dynamics
chaos in hamiltonian systems
sustainable energy
molecular dynamics
population dynamics

