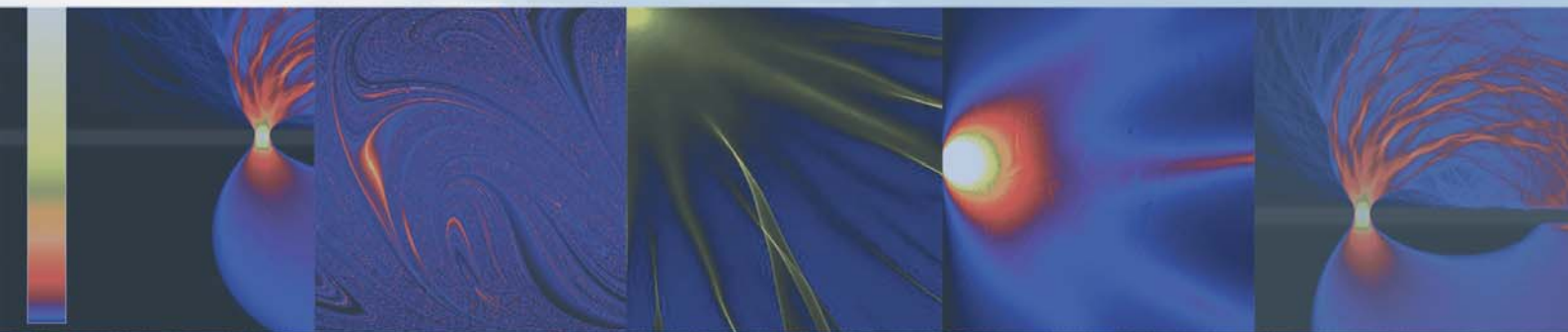


Dynamics Days Europe 2006

Crete, Greece

September 25-29, 2006



Final Announcement

<http://ddays06.physics.uoc.gr>

Plenary Speakers

Uri Alon, *Weizmann Institute*

Dirk Brockmann, *Max Planck Institute Gottingen*

Leonid Bunimovich, *Georgia Tech*

David Campbell, *Boston University*

Mitchell Feigenbaum, *Rockefeller University*

Ray Goldstein, *Cambridge University*

Edward Ott, *University of Maryland*

Uzy Smilansky, *Weizmann Institute*

Outline

Dynamics Days Europe is a series of major international annual conferences for nonlinear science with a long tradition aimed at covering the entire field of dynamics and nonlinearity.

It provides a European forum for developments in the theory and applications of nonlinear dynamics.

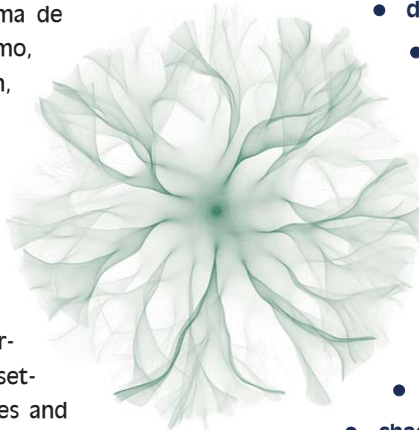
Founded in 1980, it has been bringing together researchers from a wide range of backgrounds including physics, chemistry, biology, engineering and mathematics for interdisciplinary research in nonlinear science.

Previous meetings were held in Berlin, Palma de Mallorca, Heidelberg, Dresden, Guildford, Como, Edinburgh, Lyon, Budapest, Rydzyna, Berlin, Dusseldorf, and Twente.

The European Dynamics Days 2006 will take place in a seaside Hotel in Hersonissos near Heraklion on the island of Crete from September 25 - 29, 2006.

Hersonissos, a former fishing village on the north coast of Crete located 24 km east of Heraklion International Airport, offers a pleasant setting with good beaches, water sport facilities and can be reached conveniently.

Nearby are major attractions like the archaeological sites of Knossos (24km) and Malia (7 km), the Lassithi Plateau and Dikti Cave (16 km)



Topics

We invite contributions in the following areas and applications of nonlinear dynamics:

- dynamical systems
- complex networks
- complex systems in biological physics
- complex growth and dispersal
- population dynamics and epidemiology
- neuronal dynamics
 - discrete breathers
 - granular materials
 - traffic flow
 - econophysics
 - chaos in Hamiltonian systems
 - quantum chaos
 - turbulence and fluid dynamics
 - pattern formation
 - spatio-temporal chaos
 - time series analysis
- chaos control
- synchronization of non linear systems
- non-equilibrium statistical physics
- applications in engineering and nanoscience

Programme and Abstract Submission

Oh, the places you'll go! (Dr. Seuss)

In the quarter century since the first Dynamics Days in 1980, the field has undergone a shift from paradigms to applications. Dynamics Days 2006 aims at giving an overview of the very diverse fields, in which nonlinear dynamics has found applications and at identifying future trends of research.

The conference will include invited plenary overview-talks, a number of topical invited minisymposia, contributed talks, and posters.

Abstract submission:

Participants are encouraged to contribute their recent results in all areas of nonlinear dynamics. There will be several poster sessions. A limited number of contributions will be selected for oral presentation. Following a tradition, there will be awards for best poster presentations.

Schedule:

The conference will start on Monday, September 25, at 9 am and end on Friday, September 29. There will be a conference excursion on Wednesday afternoon, followed by a Conference Dinner in the evening.

Final Deadline:

Abstract submission and registration July 16, 2006

Registration Fee:

The registration fee is 220 Euros for participants and 150 Euros for students (240 E and 170 E respectively after July 16, 2006) and includes all social events (welcoming, conference, dinner, excursion, etc).

Organizers:

Giorgos Tsironis
University of Crete
and

Foundation for Research and Technology - Hellas (FORTH)

Theo Geisel

Max Planck Institute for Dynamics and Self-Organization
and
University of Göttingen

Dynamics Days Europe 2006

<http://ddays06.physics.uoc.gr>

Contact email: ddays06@physics.uoc.gr