

4.2

$$S = k \ln \Gamma(U)$$

# Greek-Turkish Conference on

## Statistical Mechanics and Dynamical Systems

Sept/11-14/2008 Rhodes / Greece  
and  
Sept/14-17/2008 ITAP/Marmaris/Turkey

The conference aims at increasing mutual interaction, collaboration as well as exchange of ideas among researchers in Turkey, Greece and other countries in the region. The meeting focuses on classical and quantum statistical mechanics, dynamical systems, self-organization, chaos, solitons, etc. We expect international participation while researchers from the region are highly encouraged to participate. In addition to the invited plenary speakers listed, a large number of speakers from Greece and Turkey are being invited to the meeting.

### International Scientific Committee

- S. Aubry (Saclay, Paris)
- T. Bountis (U. of Patras)
- E.G.D. Cohen (Rockefeller U., New York)
- T. Çelik (Turkish Acad. Sci., Ankara)
- E.N. Economou (U. of Crete and FORTH)
- A. Erzan (İstanbul Technical U.)
- L.P. Kadanoff (U. of Chicago)
- G. Nicolis (Free U. of Brussels)
- G. Parisi (INFN, Rome)
- C. Tsallis (CBPF, Rio de Janeiro)
- C. Yalabık (Bilkent U., Ankara)

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

### Invited Plenary Speakers

- S. Aubry (Saclay, Paris), C. Beck (U. of London), T. Bountis (U. of Patras), A. Buchleitner (U. of Freiburg), E.G.D. Cohen (Rockefeller U., New York), A. Corral\* (U. Autonoma de Barcelona), E.N. Economou (U. of Crete and FORTH), A. Erzan (İstanbul Technical U.), L.P. Kadanoff (U. of Chicago), J. Kurths (U. of Potsdam), G. Nicolis (Free U. of Brussels), L. Pitaevskii (U. di Trento), A. Politi, (ICS, Florence), H. Takayasu (Sony Laboratories, Tokyo), M. Takayasu (Tokyo Institute of Technology), C. Tsallis (CBPF, Rio de Janeiro)

\* to be confirmed

### Organizers

Tuğrul Hakioglu  
Bilkent University  
Ankara

Astero Provata  
National Center for  
Scientific Research "Democritos", Athens

Uğur Tırnaklı  
Ege University, İzmir

Giorgos Tsironis  
University of Crete and FORTH, Crete