

Chaos, Complexity and Transport : Theory and Applications

June 4th to June 8th, 2007
Le Pharo, Marseilles, France

The scope of this conference

is to discuss the manifestations of chaos in various fields of physics, and to study the consequences on complexity and transport. A strong emphasis will be put on the interdisciplinary character of the conference.

In particular, we intend to encourage contributions from the following fields :

- Nonlinear dynamics
- Fluid mechanics
- Atomic physics
- Plasma physics
- Soft condensed matter
- Celestial mechanics

Invited speakers

L. Bunimovich (Georgia Tech, USA)
Y. Couder (ENS Paris, France)
D. Delande (Université Paris 6, France)
T. Evans (General Atomics, USA)
S. Fauve (ENS Paris, France)
A. Giorgilli (Université de Milan, Italie)
J.P. Gollub (Haverford College, USA)
C. Jaffé (Université de West Virginia, USA)
J. Laskar (IMCCE, France)
S. Ruffo (Université de Florence, Italie)
E. Villermaux (Université de Provence, France)
A. Vulpiani (Université de Rome 1, Italie)
E. Wesfreid (ESPCI, France)
G. Zaslavsky (New York University, USA)
R. Artuso (Université de Côte, Italie)
P. H. Chavanis (Université Paul Sabatier, France)
M. Courbage (Université Paris VII, France)
A. Luo (Southern Illinois University, USA)
R. S. MacKay (Univ. de Warwick, Angleterre)
G. Morfill (Max-Planck Institut, Allemagne)
O. Piro (IMEDEA, Spain)
S. Rica (ENS Paris, France)
V. Rom-Kedar (Institut Weizmann, Israël)
R. Sanchez (Oak Ridge National Laboratory, USA)
D. L. Shepelyansky (Univ. Paul Sabatier, France)
T. H. Solomon (Bucknell College, USA)
V. Tarasov (Université d'État de Moscou, Russie)
J. L. Thiffeault (Imperial College, Angleterre)
A. Torcini (CNR Florence, Italie)
D. Treschev (Steklov Mathematical Inst., Russie)

Steering committee

P. Ghendrih (DRFC, CEA, Cadarache France)
J. Laskar (IMCCE, Obs. de Paris, France)
X. Leoncini (CPT, Univ. de Provence, France)
G. Zaslavsky (Courant Inst., NYU, USA)

Program committee

C. Chandre (CPT, CNRS, France)
P. Cvitanovic (CNS, Georgia Tech, USA)
A. Luo (Southern Illinois Univ., USA)
S. Ruffo (Florence Univ., Italy)
E. Villermaux (IRPHE, Univ. de Provence, France)

Organizing committee

C. Chandre (CPT, CNRS, France)
X. Leoncini (CPT, Univ. de Provence, France)
R. Lima (CPT, CNRS, France)
R. Bachelard (CPT, Univ. de la Méditerranée, France)

Deadlines :

Abstract submission 31st March 2007
Early registration fees 30th April 2007

For more information on participation, abstract submission, conference fees, please check the Conference website : <http://cct07.cpt.univ-mrs.fr> or contact the organizers at cct07@cpt.univ-mrs.fr