

DYNAMICS DAYS SOUTH AMERICA 2010

International Conference on Chaos and Nonlinear Dynamics



INVITATION

The Dynamics Days, founded in 1980, is the longest standing and most respected international series of meetings devoted to the field of dynamics and nonlinearity. Traditionally it has been bringing together researchers from a wide range of backgrounds including physics, biology, engineering, chemistry and mathematics for interdisciplinary research in nonlinear science. The Organizing Committee of this Dynamics Days South America 2010 welcomes you to participate of this outstanding event to be held in São José dos Campos, SP, Brazil, from 26 to 30 July, 2010.



PROGRAM STRUCTURE AND TECHNICAL TOPICS

The conference will be structured in plenary invited talks, minisymposiums, contributed talks and poster sessions. It will cover a broad range of topics, including:

- Applications in Engineering and Nanoscience
- Applications of Dynamical Systems in Medicine and Health Sciences
- Applications of Nonlinear Sciences
- Astrodynamics
- Bifurcation theory and analysis
- Celestial Mechanics
- Chaos in Hamiltonian Systems
- Chaotic Dynamics
- Climate Dynamics
- Collective Phenomena
- Communication with Chaos
- Complex Dynamics in Chemical Systems
- Complex Networks
- Control of Chaos and applications
- DNA Translocation Dynamics
- Dynamics of Biosystems
- Dynamics of Granular Materials
- Fluid Dynamics, Plasma and Turbulence
- Formation and Dynamics of Patterns
- Neuronal Dynamics
- Optoelectronic and Granular Matter
- Population Dynamics and Epidemiology
- Self-organization
- Stochastic Dynamics
- Synchronization
- Time series analysis



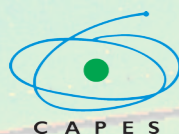
Submissions: Abril 15, 2010

Acceptance: May 15, 2010

Registration: June 15, 2010



<http://www.lac.inpe.br/ddays/>



Ministério da
Ciência e Tecnologia

