



CHAOS 2013

6th Chaotic Modeling and Simulation International Conference

11 - 14 June 2013 Istanbul Turkey



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Academie des Sciences de Paris, Honorary Professor at the Institut des Hautes Etudes Scientifiques of Bures-sur-Yvette, France

Ferdinand Verhulst

Mathematics Faculty, Utrecht, The Netherlands

Conference Topics

1. Chaos and Nonlinear Dynamics
2. Stochastic Chaos
3. Chemical Chaos
4. Data Analysis and Chaos
5. Hydrodynamics, Turbulence and Plasmas
6. Optics and Chaos
7. Chaotic Oscillations and Circuits
8. Chaos in Climate Dynamics
9. Geophysical Flows
10. Biology and Chaos
11. Neurophysiology and Chaos
12. Hamiltonian Systems
13. Chaos in Astronomy and Astrophysics
14. Chaos and Solitons
15. Micro- and Nano- Electro-Mechanical Systems
16. Neural Networks
17. Chaos, Ecology and Economy
18. Algorithmic Music Composition
19. Chaos in Language



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<http://www.cmsim.org>

Conference Location :

Yeditepe University, Istanbul Turkey

<http://www.yeditepe.edu.tr>

The Conference includes three types of presentations

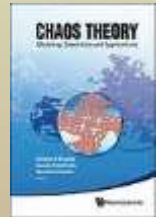
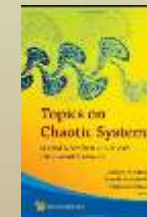
- Key Note Presentations on the main topics of the Conference selected by the Program Committee;
- Contributed papers or posters proposed by authors;
- Special Sessions or Workshops proposed from people working in a special topic of the chaotic field
Every Special Session includes 4-6 presentations. Two or more special sessions form a Workshop

The publications of the conference include

1. The Book of Abstracts in Electronic and in Paper form
2. Electronic Proceedings in CD and in the web in a permanent website
3. Publication of the best papers in the **Journal of Chaotic Modeling and Simulation (CMSIM)**

A collection of the best papers presented in the previous CHAOS Conferences are included in the following books published by World Scientific

1. *Topics on Chaotic Systems: Selected Papers from the CHAOS2008 International Conference*, C. H. Skiadas et al. Eds, World Scientific, 2009.
2. *Chaotic Systems: Theory and Applications*, C. H. Skiadas and I. Dimotikalis, Eds, World Scientific, 2010.
3. *Chaos Theory: Modeling, Simulation and Applications: Selected Papers from the CHAOS2010 International Conference*, C. H. Skiadas et al. Eds, World Scientific, 2011.



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