Symposium on

Modelling nonlinear phenomena in Engineering

To be held 4th IEEE International Conference
on Nonlinear Science and Complexity

August 6-11, 2012   •   Budapest, Hungary

The purpose of this symposium is to encourage research in mathematical modeling in engineering disciplines, in the form of nonlinear dynamical systems. Examples are models of electrical circuits, using the van der Pol, Chua, Duffing, and other oscillators, models of robot locomotion, amongst others. We give special focus to issues such as instability, bifurcations, (deterministic) chaos, integrable/Hamiltonian systems, and asymptotic analysis. We believe that electronic engineers and applied mathematicians can greatly benefit from close collaboration and enforce links between the academic and the real world. Authors are invited to submit their original and unpublished theoretical, experimental and/or numerical work in the area.

The Conference website is http://conf.uni-obuda.hu/nsc2012/: For your convenience, we are attaching the first Call for Papers. The authors are encouraged to present a paper for publication in the edited books or conference Proceedings. The high quality papers will be selected for publication in *Journal of Applied Nonlinear Dynamics, and An Interdisciplinary Journal of Discontinuity, Nonlinearity and Complexity*. We look forward to hearing from you as soon as possible.

Paper Planning Schedule

Full paper submission:	**May 1, 2012**
Notification deadline:	**June 1, 2012**
Final paper submission:	**July 1, 2012**

Email submission as a pdf file attachment is acceptable. Please transmit papers to the following organizers or submit it through the conference website: http://conf.uni-obuda.hu/nsc2012/paper.htm

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