

15th IEEE International Workshop on Nonlinear Dynamics of Electronic Systems (NDES 2007)

Shikoku University Community Plaza, Tokushima, Japan
July 23–26, 2007



Call for Papers

The 15th International Workshop on Nonlinear Dynamics of Electronic Systems (NDES 2007) will be held on July 23rd–26th 2007, at the Shikoku University Community Plaza, Tokushima, Japan. This conference aims to stimulate and enable scientists from all over the world to exchange knowledge and ideas in the field of nonlinear dynamics and its applications. Nonlinear phenomena are observed in diverse areas such as physics, biology, economics, ecology, electronics and computer science. The workshop will present cutting-edge research in this highly active field and explore new perspectives for nonlinear dynamics in interdisciplinary applications. Further, the traditional topics of nonlinear circuits, data analysis and also applications to cognitive science will be considered.

NDES 2007 is actually the 15th in a series of international specialist workshops, the first of which took place in Dresden in 1993. From its origins, the NDES has blossomed into a truly international event, the largest of its kind in Europe. NDES 2007 will be the first opportunity to organize NDES far away from Europe. The workshop shall bring together specialists in mathematical, natural and engineering sciences in order to provide an opportunity to meet in a low-cost informal setting to address new theoretical and practical results, novel analysis and design methods in nonlinear dynamic systems and circuits and to discuss open problems in nonlinear science.

Fields of interest are (not limited to):

- theories and numerical analysis of nonlinear circuits and systems
- modeling and simulations of nonlinear circuits and systems
- applications of nonlinear dynamics
- nonlinear signal processing
- time-series analysis
- bifurcation phenomena
- controlling chaos, chaos synchronization
- chaos applications
- nonlinear oscillations
- neuro dynamics

Symposium Committee

General Chair

Yoshifumi Nishio (Tokushima Univ.)

Technical Program Chair

Tetsushi Ueta (Tokushima Univ.)

Local Arrangement Chair

Yasuteru Hosokawa (Shikoku Univ.)

Secretary

Yoko Uwate (Tokushima Univ.)

Organizers:

IEEE CAS Society, Shikoku Chapter Shikoku University Tokushima University

In Cooperation with:

IEEE Shikoku Section IEICE Research Society of NOLTA IEEE CAS Society Nichia Corporation

Authors are invited to submit a summary in PDF format (up to 4 pages) through <http://ndes07.is.tokushima-u.ac.jp>. After the acceptance, authors will be required to submit the 4-page camera-ready papers for the workshop proceedings. All correspondence will be via e-mail. No hard copies will be accepted. At least one author of each paper must register for the Symposium for papers to be included in the program. For more information, please visit the workshop web page or contact the symposium committee: ndes07@is.tokushima-u.ac.jp

Summary submission deadline	April 15	2007
Notification of acceptance	May 15	2007
Deadline for 4-page camera-ready	June 15	2007