

Proceedings of NCN'08



2008 IEEE Workshop on Nonlinear Circuit Networks

**Shikoku University,
Tokushima, Japan
December 5-6, 2008**

**Organizer:
IEEE Circuits and System Society, Shikoku Chapter**

Greeting Message

Welcome to the 2008 IEEE Workshop on Nonlinear Circuit Networks (NCN'08), and welcome to Tokushima, a mecca for nonlinear science researchers in Japan.

The NCN has been founded as a closed internal workshop to provide a forum for exchange of the latest results related to nonlinear circuit networks by Prof. Ushida and Prof. Tanaka in 1995. In 2006, NCN'06 was organized as the first open NCN workshop sponsored by the IEEE CAS Society Shikoku Chapter preceded by 17 closed NCN workshops held in Tokushima, Tokyo, Nobeyama and Karuizawa. In 2007, a closed NCN workshop was held in Tokyo in August and the second open NCN workshop (NCN'07) was organized again by the IEEE CAS Society Shikoku Chapter in Tokushima in December.

In this year, the NCN'08 technical program committee received 32 contributions for the regular sessions. All these papers were carefully evaluated by 3 different reviewers. Finally, 22 papers are accepted for presentation in the workshop. This means that the acceptance rate is 68.75%. We consider that this rate is very nice to guarantee the quality of the technical program of NCN'08. We appreciate all of the contributions by many research groups.

The technical program is highlighted by three invited talks. Dr. Tsubone of Nagaoka University of Technology, Prof. Saito of Hosei University, and Prof. Kousaka of Oita University give special talks on their recent research results.

We wish to thank all of the reviewers for their devoted efforts to give many useful comments to the authors, particularly to the student authors, within very short time.

We hope that all of you find this workshop interesting and fruitful. Enjoy NCN'08 and Tokushima.



Yoshifumi Nishio, General Chair
Tetsushi Ueta, Technical Program Chair

Workshop Information

Organizer

IEEE CAS Society, Shikoku Chapter

In Cooperation with

IEICE Shikoku Section
Sophia University Open Research Center

Workshop Committee

- General Chair: Yoshifumi Nishio (Tokushima Univ.)
- Technical Program Chair: Tetsushi Ueta (Tokushima Univ.)
- Secretary: Yasuteru Hosokawa (Shikoku Univ.)

Advisory Committee

- Akio Ushida (Tokushima Bunri Univ.)
- Mamoru Tanaka (Sophia Univ.)
- Toshimichi Saito (Hosei Univ.)
- Kenya Jinno (JST/ERATO)