

IEEE CASS Shikoku and Shanghai Chapters Joint Workshop on Nonlinear Circuits and Systems (SSJW'08)

Organizer

IEEE CASS, Shikoku Chapter
IEEE CASS, Shanghai Chapter

In Cooperation with

Tokushima Bunri University
IEEE CASS, Region 10
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Kagawa Industry Support Foundation

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- Secretaries: Yoshifumi Nishio (Tokushima University, Japan) and Di He (Shanghai Jiaotong University, China)

Schedule

- August 4, Monday, 13:30–13:45, Opening Ceremony
- August 4, Monday, 13:45–14:30, Keynote Speech A
- August 4, Monday, 14:30–15:00, Invited Talk A
- August 4, Monday, 15:00–16:30, Poster Session
- August 4, Monday, 16:30–17:00, Invited Talk B
- August 4, Monday, 17:00–17:40, Lecture Session A
- August 4, Monday, 19:00–21:00, Banquet
- August 5, Tuesday, 10:00–10:45, Keynote Speech B
- August 5, Tuesday, 10:45–11:15, Invited Talk C
- August 5, Tuesday, 11:15–11:30, Coffee Break
- August 5, Tuesday, 11:30–12:30, Lecture Session B
- August 5, Tuesday, 12:30–14:00, Lunch Break
- August 5, Tuesday, 14:00–14:30, Invited Talk D
- August 5, Tuesday, 14:30–15:10, Lecture Session C
- August 5, Tuesday, 15:10–15:30, Closing Ceremony

Technical Program

04PM1: Keynote Speech A

Date: August 4, 13:45-14:30

Chair: T. Ueta (Tokushima University)

04PM1-1 Applications of Complex Networks

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Chi K. Tse (Hong Kong Polytechnic University)

04PM2: Invited Talk A

Date: August 4, 14:30-15:00

Chair: T. Ueta (Tokushima University)

04PM2-1 Envelope Analysis to Communication Circuits

2

Akio Ushida (Tokushima Bunri University)

04PM3: Poster Session

Date: August 4, 15:00-16:30

Chair: T. Tada (Tokushima Bunri University) and J. Kawata (Tokushima Bunri University)

04PM3-1 Performance Analysis of Suboptimal Receiver Using Shortest Distance Approximation Method for Chaos Shift Keying

3

Shintaro Arai (Tokushima University), Yoshifumi Nishio (Tokushima University)

04PM3-2 Propagation Mechanism of Phase-Waves on a Lattice of Coupled Oscillators

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Suguru Yamane (Hiroshima Inst. Tech.), Takeo Imoto (Hiroshima Inst. Tech.), Masayuki Yamauchi (Hiroshima Inst. Tech.)

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| | Kei Nagao (Tokushima University), Tetsushi Ueta (Tokushima University) | |
| 04PM3-5 | Determination of PageRank via Krylov Subspace Method | 16 |
| | Shinya Saito (Kagawa University), Yuichi Tanji (Kagawa University) | |
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| | Taku Haraguchi (Tokushima University), Haruna Matsushita (Tokushima University), Yoshifumi Nishio (Tokushima University) | |
| 04PM3-7 | A Digital Watermarking for Fingerprints Using a Chaotic Cryptographic Method | 18 |
| | Takayuki Sunagawa (Konan University), Masahiro Wada (Konan University) | |
| 04PM3-8 | Analysis of Breakdown of Synchronization in Chaotic Oscillators and Noisy Oscillators | 21 |
| | Ryo Imabayashi (Tokushima University), Yoko Uwate (UZH / ETH Zurich), Yoshifumi Nishio (Tokushima University) | |
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Date: August 4, 16:30-17:00

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