

Poster Presentations

PO.01 Random walk of bouncing particles

Igor Grabec

PO.02 Analytical and numerical study of finite-size-induced transitions to synchrony in oscillator ensembles with nonlinear global coupling

Chen Gong, Arkady Pikovsky

PO.03 High-efficient THz time domain spectroscopy using laser chaos and super focusing with metal v grooved waveguide

Kazuyuki Iwao, Yusuke Akamine, Manatsu Oi, Shiori GoDa, Naoya Sakaue, Takuro Shirasaki, Fumiyoshi Kuwasima, Masahiko Tani, Kazuki Kurihara, Kouji Yamamoto, Takeshi Nagashima, Makoto Nakajima, Masanori Hangyo

PO.04 Effect of light polarization on a signal mode class A laser chaos

Daiki Inoue, Fumiyoshi Kuwashima

PO.05 Long-term predictability in chaos

Hendrik Wernecke, Bulcsú Sándor, Claudius Gros

PO.06 Resonance analysis of a vector soliton propagating an optical fiber with periodically modulated dispersion

Nikolaos Moshonas, Kyriakos Hizanidis

PO.07 Short-term synaptic plasticity generates complex activity patterns of cell assemblies in Hopfield-networks

Bulcsú Sándor, Claudius Gros

PO.08 Self Consistent Partial Synchronization in simple models

Pau Clusella Cobero, Antonio Politi, Michael Rosenblum

PO.09 A numerical study on the role of nonlinearity of activation function in reservoir computing

Masanobu Inubushi, Kazuyuki Yoshimura

PO.10 Measures of spike train synchrony: Defining a minimum time scale for ISI and SPIKE-distances

Eero Räsänen, Mario Mulansky, Thomas Kreuz

PO.11 SPIKE-order: A new method to sort spike trains from leader to follower

Thomas Kreuz, Eero Räsänen, Mario Mulansky

PO.12 Testing human mobility models with commuters data

Varga Levente, Tóth Géza, Néda Zoltán

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Volker English, Ulrich Parlitz, Werner Lauterborn
- PO.14 Methods and applications for attractor comparison**
Ulrich Parlitz
- PO.15 Velocity versus distance scaling in human travel**
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I. K. Mylonas, V. M. Rothos, P. G. Kevrekidis, D. J. Frantzeskakis
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Lucas Illing
- PO.18 Bifurcation analysis of coupled heterogeneous phase oscillators**
Kai Morino, Gouhei Tanaka, Kazuyuki Aihara
- PO.19 Fractal Dimension of Self-Affine Signals: Four Methods of Estimation**
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Aditya Saurabh, Lipika Kabiraj, Christian Oliver Paschereit
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Debsankha Manik, Thorben Meiners, Marc Timme

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- PO.36 Symmetry locking in a periodically switched ring network**
Lucia Russo, Erasmo Mancusi, Constantinos Siettos