PhD day, April, 10’th, 2006
Morning Session
(room 415)

Chair: F. Feudel

09.15 AM, Reik Donner (PhD)
“Dimension Estimates of Multivariate Geoscientific Records”

09.45 AM, Douglas Maraun (PhD)
“Continuous Wavelet Spectral Analysis - An Outline”

10.15 AM, Nicole Albers (PhD)
“Collision Dynamics of Granular Particles”

10.45 – 11.15 AM tea/coffee break

Chair: N. Seehafer

11.15 AM, Lucia Zemanova (PhD)
“Brain Dynamics Analysis and Modeling”

11.45 AM, Martin Makuch (PhD)
“The Discovery of Dust Plumes at Enceladus”

12.15 AM, Gorka Zamora Lopez (PhD)
“Structural and functional integration in the cat cerebral cortex”

12.45 – 14.00 PM Lunch
PhD day, April, 10’th, 2004
Afternoon Session
(room 415)

Chair: F. Spahn

14.00 PM, Denis Goldobin (PhD)
“Synchronization and Desynchronization by Common Noise”

14.30 PM, Corinna Raab (PhD)
“Analysis of Heart Rate Variability Data with Large-Scale Dimension Densities”

15.00 PM, James Ong (PhD)
“The predictability problem”

15.30 PM, Christoph Schütz (Diplom)
“Models for large-Hartmann-number flows in rectangular ducts”

15.55 – 16.30 PM tea/coffee break

Chair: B. Blasius

16.30 PM, Yong Zou (PhD)
“Recurrence Plots and Quasiperiodicity”

17.00 PM, Tiago Pereira (PhD)
“An unifying approach to Phase Synchronization detection”

17.30 PM Stefan Schinkel (Diplom)
“Analysing Single-Trial Event Related Potentials (ERP) by means of Recurrence Quantification Analysis (RQA)”
PhD day, April, 11’th, 2006
Morning Session
(room 415)

Chair: A. Zaikin

09.15 AM, Andrea Kölzsch (PhD)
“Modeling of Bioinvasion on Networks”

09:45 AM, Björn Kralemann (PhD)
“Defining an Optimal Phase for Synchronization-Analysis from Data”

10:15 AM, Ralf Tönjes (PhD)
“Pattern formation in heterogeneous oscillatory media through synchronization”

10.45 – 14.00 AM break (possibility to attend the Golm event)
PhD day, April, 11’th, 2004
Afternoon Session
(room 415)

Chair: M. Rosenblum

14.00 PM, Natalia Tukhina (PhD)
“Noninvasive suppression of neural synchrony by a feedback technique”

14.30 PM, Antonio Pazienti (PhD)
“Impact of spike classification errors on pairwise and higher order correlations”

15.00 PM, Komalapriya Chandrasekaran(PhD)
“Epilepsy Prediction”

15.30 PM, Martin Seiss (PhD)
“Small moonlets in Saturn’s dense rings”

16.00 – 16.30 PM tea/coffee break

Chair: N. Wessel

16.30 PM, Aneta Koseska (PhD)
“Noise, Quorum-sensing and Population Size Controlled Oscillations and Cell Differentiation in Relaxation Genetic Oscillators”

17.00 PM, Carolina Figueroa (PhD)
“Thalamocortical Time Series”

17.30 PM, Eulalie Ketchamen (PhD)
“Detection of transitions from Torus to Strange nonchaotic attractors using a recurrence analysis”
PhD day, April, 12’th, 2004
Morning Session
(room 415)

Chair: G. Zöller

9.15 AM, Marcel Fuhrmann, (PhD)
“Extrapolation of solar vector magnetograms”

9.45 AM, Maik Riedl (PhD)
“Cardiovascular Variability in Sleep”

10.15 AM, Lars Rudolf (PhD)
“Methods of nonlinear dynamics for data analyses of long time predator-prey oscillations”

10.45 AM, Nina Kuckländer (PhD)
“From the Moran-effect to Correlation Resonance”

11.15 – 13.00 PM Lunch

Chair: U. Schwarz

13.00 PM, Marco Rusconi (PhD)
“Does stochastic resonance control bone remodelling”

13.30 PM, Andre Bergner (Diplom)
”Detection of synchronized clusters by means of recurrence plots in complex networks”

13.55 PM, Thomas Orgis (Diplom)
”Tracer Advection in a Climate Model”

14.20 PM, Mathias Hoffmann (Diplom)
Dimension reduction: PCA vs. Isomap”

14.45 PM, Carlos J. Dommar D’Lima (PhD)
”Susceptible-Infected-Susceptible epidemic model on an Adaptive Network”