

WORKSHOP

MONDAY, 20TH JUNE 2011, WILLERS-BAU, C 207

PROGRAM

15:00 **Short presentations** (Senior Members, ca. 10 minutes each, incl. discussion)

Prof. Dr. Stefan Siegmund	TUD, Mathem.	"Finite-time approximations to the ergodic partition"
Prof. Dr. Holger Kantz	MPI-PKS	"Three potential projects: Tipping points, work theorems, SOC"
Prof. Dr. Roland Ketzmerick / Dr. Arnd Bäcker	TUD, Physics	"Escape and Power-law Trapping for Hamiltonian Systems with Three Degrees of Freedom"
Dr. Eduardo Altmann	MPI-PKS	"Transient chaos"
Prof. Dr. Andreas Deutsch / Dr. Anja Voß-Böhme	TUD, ZIH	"Interacting particle systems as non-equilibrium models for the temporal evolution of spatially extended systems – biological applications and mathematical challenges"
Dr. Frank Großmann	TUD, Physics	"Semiclassical hybrid dynamics"
Dr. Martina Hentschel	MPI-PKS	"Transient dynamics in optical microcavities and microlasers"
Jun.-Prof. Dr. Kathrin Pad- berg-Gehle	TUD, Mathem.	"Transfer-operator based analysis of transient behavior in open dynamical systems"
Prof. Dr. Ronald Tetzlaff	TUD, Electr.E.	"Identification of Nonlinear Systems"

17:00 *COFFEE BREAK*

17:30 **Discussion & Brainstorming** (End ca. 18:00)