Program

MONDAY, January 11

09:00 – 09:05	Opening
09:05 – 09:40	**Edward Ott** *Chaotic scattering in higher dimensional systems*
09:40 – 10:15	**Dima Shepelyansky** *Renormalization, critical KAM curves and Poincaré recurrences*
10:15 – 10:45	*Coffee break*
10:45 – 11:20	**Matthias Holschneider** *Fractal wavelet dimensions*
11:20 – 11:55	**Sergey Kuznetsov** *Renormalization group analysis of the onset of SNA*
11:55 – 12:30	**Ramakrishna Ramaswamy** *Intermittent strange nonchaotic attractors*
12:30 – 14:30	*Lunch*
14:30 – 15:05	**Takashi Nishikawa** *Fractalization of torus*
15:05 – 15:40	**Ying-Cheng Lai** *Transition to strange nonchaotic and chaotic attractors*
15:40 – 16:00	**A. Venkatesan** *Reemerging of torus doubling sequence in the quasiperiodically forced systems*
16:00 – 16:30	*Coffee break*
16:30 – 17:05	**Tomasz Kapitaniak** *Metamorphosis of chaotic saddle*
17:05 – 17:25	**Janusz Holyst** *Chaotic motion of kink-solitons in the ϕ^4 model*
17:25 – 17:45	**Manuel A. Matias** *A strange nonchaotic attractor in an autonomous system?*
After supper	Poster session

Program

TUESDAY, January 12

09:00 – 09:35	**Jaroslav Stark** *Invariant sets for quasiperiodically forced monotone maps*
09:35 – 10:10	**Matthew Nicol** *Group extensions of quasiperiodic dynamical systems*
10:10 – 10:45	**Paul A. Glendinning** *Mode-locking in quasiperiodically forced systems*
10:45 – 11:15	*Coffee break*
11:15 – 11:50	**Jukka Ketoja** *Correlated disorder and propagating modes in the Frenkel-Kontorova model*
11:50 – 12:25	**Indu Satija** *Localization and fractal fluctuations: SNA, Ising model and kicked rotors*
12:30 – 14:30	*Lunch*
14:30 – 15:05	**Hinke Osinga** *Boundary crisis in quasiperiodically forced systems*
15:05 – 15:40	**Annette Witt** *Inner crisis of quasiperiodically driven systems*
15:40 – 16:00	**Holger Schanz** *Quantum systems with two identical chaotic cells*
16:00 – 16:30	*Coffee break*
16:30 – 17:05	**Karol Zyczkowski** *Parabolic maps on the torus: beyond quasiperiodicity*
17:05 – 17:25	**Alexey Teplinsky** *Strange nonchaotic attractor appears on perturbed torus under Skew translation*

Program

WEDNESDAY, January 13

09:00 – 09:35	**Jürgen Kurths** *Complex synchronization in quasiperiodically driven chaotic systems*
09:35 – 10:10	**Kunihiko Kaneko** *Milnor attractors, chaotic itinerancy, and collective dynamics in network of chaotic elements*
10:10 – 10:45	**Vadim S. Anishchenko** *Quasiattractors of dynamical systems*
10:45 – 11:15	*Coffee break*
11:15 – 11:50	**Mikhail Zaks** *Viscous flows with fractal spectra: Patterns, symbolic codes, and transport*
11:50 – 12:25	**Mingzhou Ding** *Spatiotemporal chaos in coupled map lattices: Strong versus weak coupling limits*
12:30 –	*Lunch*
afternoon	Excursion

Program

THURSDAY, January 14

09:00 – 09:35	**Theo Geisel** *What determines the spreading of a wave packet?*
09:35 – 10:10	**Michael Schreiber** *Electronic states in quasicrystals*
10:10 – 10:45	**Giorgio Mantica** *Numerical experiments of quantum intermittency: Theory and results*
10:45 – 11:15	*Coffee break*
11:15 – 11:50	**Hans-Jürgen Stöckmann** *Microwave studies of chaotic billiards and disordered systems*
11:50 – 12:25	**Italo Guarneri** *Anomalous transport in classical and quantum systems*
12:30 – 14:30	*Lunch*
14:30 – 15:05	**Jean Bellissard** *Anomalous transport in aperiodic homogeneous media*
15:05 – 15:40	**Hermann Schulz-Baldes** *Anomalous transport in presence of self-similar spectra*
15:40 – 16:00	**Rob Sturman** *Semi-uniform ergodic theorems and applications to quasiperiodically forced systems*
16:00 – 16:30	*Coffee break*
16:30 – 17:05	**Roland Ketzmerick** *How avoided band crossings tune metal-insulator-transitions*
17:05 – 17:25	**Vladimir A. Dobrynsky** *There are couple tent maps having a 2-dimensional topologically mixed attractor*
17:25 – 17:45	**Ines Katzorke** *Modelling and analysis of production systems*

PROGRAM

FRIDAY, January 15

09:00 – 09:35	**Antonio Politi** *Generalized dynamical shifts*
09:35 – 10:10	**Peter Ashwin** *Some conjectures and results concerning discontinuous area-preserving maps*
10:10 – 10:45	**Gerhard Keller** *Perturbation theory for spectral properties of chaotic dynamical systems*
10:45 – 11:15	*Coffee break*
11:15 – 11:50	**Walter Zimmermann** *Pattern formation in an inhomogeneous environment*
11:50 – 12:25	**Yuri Maistrenko** *Unfolding of the riddling bifurcation*
12:25 – 12:30	Closening
12:30 –	*Lunch*