

PROGRAM

Sunday, September 7

16:00 21:00 Registration

Monday, September 8

08:45 09:45 Registration

09:45 10:00 Opening

10:00 10:20 **D. Gronau**

György Targonski, 1928 - 1998 – Tribute on the occasion of ECIT 2008

10:20 10:40 **R. Severino**

Jose Sousa Ramos and his contribution
for the dynamical systems in Portugal

10:40 11:00 *Coffee-break*

11:00 11:20 **D. Baptista, R. Severino, S. Vinagre**

Topological invariants for the Lozi maps

11:25 11:45 **L. Gardini, V. Avrutin, M. Schanz**

Bifurcations on the Poincaré Equator in the 2D piecewise linear
canonical form

11:50 12:10 **L. Gardini, I. Sushko**

On analogue of the center bifurcation at infinity

12:15 12:35 **A. K. Taha, L. Randriamihamison, M. Castan**

Numerical study of quadratic and cubic recurrence with double
indices

13:00 14:00 *Lunch*

15:00 15:20 **C. C. Ramos, M. Getimane, R. Severino**

Topological Markov chains and kneading theory

15:25 15:45 **M. Lampart**

Specification property versus omega-chaos

15:50 16:10 **G. Osipenko**

Approximation of invariant measures

16:15 16:45 *Coffee-break*

16:45 17:05 **M. Hmissi**

On random iteration

17:10 17:30 **J. Kupka**

Fuzzy dynamical systems

17:35 17:55 **P. Wilczynski, P. Oprocha**

Distributional chaos in differential equations

Tuesday, September 9

- 09:00 09:20 **L. Reich**
On various methods of constructing iteration groups in rings of formal power series
- 09:25 09:45 **J. Matkowski**
Iterations of the mean-type mappings
- 09:50 10:10 **D. Krassowska**
On iteration groups containing generalized convex and concave functions
- 10:15 10:35 **W. Förg-Rob**
Pilgerschritt transform in the group $Aff(1, \mathbb{C})$
- 10:35 11:00 *Coffee-break*
- 11:00 11:20 **B. Gurevich**
Some applications of oriented graphs to dynamical systems and to matrix theory
- 11:25 11:45 **C. Ramos, M. Riera**
Generation of cellular automata with genetic algorithms
- 11:50 12:10 **R. Lozi, C. Fiol**
Global orbit patterns for discrete maps
- 12:15 12:35 **Z. Kočan, V. Kornecká-Kurková, M. Málek**
On the space of ω -limit sets of a continuous map on a dendrite
- 13:00 14:00 *Lunch*
- 15:00 15:20 **P. Raith**
The space of omega-limit sets of a piecewise continuous interval map
- 15:25 15:45 **A. Sivak**
Dynamics in families of maps with a flat segment at a periodic point
- 15:50 16:10 **F. Tramontana, L. Gardini**
Bifurcation curves in discontinuous maps
- 16:15 16:45 *Coffee-break*
- 16:45 17:05 **A. Teplinsky**
The quasiperiodically driven interval shift in digital phase-locked loops
- 17:10 17:30 **G. Kolutsky**
Geometrical continued fractions as invariants in the problem on topological classification of Anosov diffeomorphisms of n -torus
- 17:35 17:55 **R. V. Plykin**
Construction of A-endomorphisms which satisfy no cycle condition and structure of centralizers of algebraic Anosov endomorphisms on the torus

Wednesday, September 10

09:00	09:20	Z. I. Bezhaeva, V. I. Oseledets Ergodic properties of Erdős measure for the golden ratio
09:25	09:45	M. F. Correia, C. C. Ramos, S. Vinagre Symbolic dynamics for iterated smooth functions
09:50	10:10	P. Oprocha Large chaotic sets for maps of the unit cube
10:15	10:35	M. Matviichuk On triangular extensions of transitive maps
10:35	11:00	<i>Coffee-break</i>
11:00	11:20	M. C. Zdun On commuting homeomorphisms and generalized iteration groups
11:25	11:45	A. Smajdor On iterative square roots of linear set-valued functions
11:50	12:10	G. Lydzińska On some set-valued iteration semigroups
12:15	12:35	R. Kapica, J. Morawiec On limits of iterates of RV-functions
13:00	14:00	<i>Lunch</i>
		Excursion to Livadia

Thursday, September 11

09:00	09:20	A. Panchuk, T. Puu Synchronization and stability in a non-autonomous iterative system
09:25	09:45	R. Laureano, D. Mendes, M. A. Ferreira Synchronization of one-dimensional chaotic quadratic maps by a non-symmetric coupling
09:50	10:10	S. Hénaff, I. Taralova Joint signal-system approach for chaotic generators selection
10:15	10:35	M. Hmissi, H. Mejri, E. Mliki On representation by exit laws
10:20	10:50	<i>Coffee-break</i>
11:00	11:20	Z. Leśniak On fractional iterates of a free mapping
11:25	11:45	M. F. Correia, C. C. Ramos, S. Vinagre Nonlinearly perturbed heat equation
11:50	12:10	E. Yu. Romanenko, A. N. Sharkovsky Piecewise linear boundary value problems
12:15	12:35	Open problems
13:00	14:00	<i>Lunch</i>
15:00	15:20	T. Puu Oligopoly and stability
15:25	15:45	A. Agliari Bifurcation curve structure of a family of linear discontinuous maps
15:50	16:10	D. A. Mendes, C. Januario, C. Gracio, J. Duarte The chaotic motion of profits in a structure of a firm: measure and control
16:15	16:35	D. A. Mendes, V. M. Mendes, O. Gomes Learning to play Nash in deterministic uncoupled dynamics
		Excursion to Massandra
		<i>Conference dinner</i>

Friday, September 12

09:00	09:20	K. Ciepliński Schröder equation and commuting functions
09:25	09:45	A. Mach General solutions and stability of some functional equations involving Babbage equation
09:50	10:10	B. Przebieracz The stability of the translation equation
10:15	10:35	G. Derfel Asymptotics of the Poincaré functions
10:35	11:00	<i>Coffee-break</i>
11:00	11:20	P. Zgliczyński Some results on multidimensional perturbations of 1-dim maps
11:25	11:45	V. Fedorenko Dynamics of intervals in one-dimensional systems
11:50	12:10	M. Matviichuk, O. Sharkovsky Common periodic trajectories of interval maps
12:15	12:35	N. E. Klinshpont Singular hyperbolic attractor as inverse spectrum of semiflow on branched manifold
13:00	14:00	<i>Lunch</i>
15:00	15:20	F. Balibrea Some problems on topological and combinatorial dynamics on dendrites
15:25	15:45	G. Manjunath, D. Fournier-Prunaret, A. K. Taha A 3-dimensional piecewise affine map used as a chaotic generator
15:50	16:10	F. Tramontana, L. Gardini Iterated function systems in backward models
16:15	16:30	Closing