

# Monday

7.30—9.00 *Breakfast*

9.00—10.15 **Chair:** Dorota GŁAZOWSKA

**Opening**

Lin LI: *Conjugacy between piecewise monotonic functions and their iterative roots*

Ian SHORT: *Continued fractions, composition sequences and semigroups*

10.15—10.45 *Coffee break*

10.45—12.30 **Chair:** Justyna JARCZYK

Dorota GŁAZOWSKA: *Iterative roots of some mean-type mappings*

Liu LIU: *On an open problem of iterative roots for PM functions of height  $> 1$*

Yingying ZENG: *Stability of Iterative Roots*

**Problems and Remarks**

13.00 *Lunch*

15.00—16.15 **Chair:** Stefan SIEGMUND

Laura GARDINI: *Bifurcation Structure in a Family of Discontinuous Linear-Power Maps*

Luís SILVA: *Bifurcation structure of a family of non autonomous dynamical systems generated by the alternating iteration of stunted tent maps*

Iryna SUSHKO: *Codimension-two bifurcations and robust chaos in a 1D piecewise smooth map*

16.15—16.45 *Coffee break*

16.45—18.30 **Chair:** Iryna SUSHKO

Peter MALIČKÝ: *Periodic points of Lotka-Volterra map and their relation to number theory*

Stefan SIEGMUND: *Guaranteed asymptotic stability of switched linear operator equations on ordered spaces*

Malgorzata Klaudia GUZOWSKA: *The discrete-time Ramsey model*

**Problems and Remarks**

19.00 *Dinner*

# Tuesday

7.30—9.00 *Breakfast*

9.00—10.15 **Chair:** Saber ELAYDI

Marta ŠTEFÁNKOVÁ: *On generic and dense chaos for maps induced on hyperspaces*

Jana HANTÁKOVÁ: *Distributional chaos for iterated functions*

Paweł WILCZYŃSKI: *Distributional chaos in nonautonomous planar polynomial ODEs*

10.15—10.45 *Coffee break*

10.45—12.30 **Chair:** Detlef GRONAU

Vojtěch PRAVEC: *On dynamics of triangular maps of the square with zero topological entropy*

Zdeněk KOČAN: *On properties of dynamical systems on dendrites*

Saber ELAYDI: *Global Dynamics of discrete dynamical systems*

**Problems and Remarks**

13.00 *Lunch*

15.00—16.15 **Chair:** Grzegorz GUZIK

Samuel ROTH: *Lipschitz Continuity in Topological Dynamics on the Interval*

Ricardo COUTINHO: *Discontinuities of the rotation number*

Peter RAITH: *The Hausdorff dimension of the attractor of a skew product with a tent map in the base*

16.15—16.45 *Coffee break*

16.45—18.30 **Chair:** Peter RAITH

Zbigniew LEŚNIAK: *On properties of the set of regular points of a Brouwer homeomorphism*

Janusz MATKOWSKI: *Beta-type functions and means*

Grzegorz GUZIK: *Minimal invariant closed sets of set-valued semiflows*

**Problems and Remarks**

19.00 *Dinner*

20.00 *Concert*

# Wednesday

7.30—9.00 *Breakfast*

9.00—10.15 **Chair:** Jacek CHUDZIAK

Ludwig REICH: *Transformation theory of generalized Dhombres equations in the complex domain*

Wojciech JABŁOŃSKI: *Algebraic aspects of iterations in rings of formal power series*

Jaroslav SMÍTAL: *Generalized Dhombres equation – coexistence of dynamical systems and functional equations*

10.15—10.45 *Coffee break*

10.45—12.30 **Chair:** Ludwig REICH

Harald FRIPERTINGER: *Formal Functional Equations and Lie–Gröbner Series*

Jacek CHUDZIAK: *Approximate cocycles of continuous iteration semigroups*

Witold JARCZYK: *On a linear iterative functional equation with commuting given functions*

**Problems and Remarks**

12.30 *Lunch*

13.30 *Excursion with Dinner*

# Thursday

7.30—9.00 *Breakfast*

9.00—10.15 **Chair:** Luís SILVA

Marek ZDUN: *On convex iteration roots of non-monotonic mappings*

Justyna JARCZYK: *Iterated joining means*

Mark COMERFORD: *Polynomial-like Mapping Sequences in non-Autonomous Iterations*

10.15—10.45 *Coffee break*

10.45—12.30 **Chair:** Harald FRIPERTINGER

Cristina SERPA: *On systems of iterative functional equations*

Hojjat FARZADFARD: *A Classification of Regularly Varying Functions*

Gregory DERFEL: *On bounded continuous solutions to the archetypal functional equation*

**Problems and Remarks**

13.00 *Lunch*

19.00 *Conference Dinner*

# Friday

7.30—9.00 *Breakfast*

9.00—10.15 **Chair:** Janusz MATKOWSKI

Detlef GRONAU: *Eri Jabotinsky - A short biography*

Peter STADLER: *Curve shortening by short rulers*

Jörg TOMASCHEK: *Applications of Self-Organizing Maps in the Financial Industry*

10.15—10.45 *Coffee break*

10.45—12.30 *Closing*

13.00 *Lunch*

19.00 *Dinner*

