

Program
for the Summer Symposium in Real Analysis XXVII, June 22-29, 2003
Silesian University in Opava, Czech Republic

Breakfasts are served at 7:00-10:00 every day in the Hotel Belaria.

Sunday, June 22

Afternoon and evening

- 12:00- Local Registration in the Hotel Belaria
- 12:00- Dinner

Monday, June 23

Morning Session

Chair: Petra ŠINDELÁŘOVÁ

- 8:30-9:00 Opening Ceremony:
- 9:00-9:20 Sebastian LINDNER: Some properties of the measure ν_f connected with a variation of a continuous function f
- 9:30-9:50 Petr HOLICKÝ: Absolute Borel classes and Borel maps
- 10:00-10:20 Coffee
- 10:20-11:20 Zbigniew NITECKI: Entropy and Preimage Sets
- 11:30-11:50 Tamas KELETI: Borel classes of sets of extreme and exposed points in R^n
- 12:00 Lunch

Afternoon Session

Chair: Andrew BRUCKNER

- 13:40-14:00 Lubomír SNOHA: Minimal sets of extensions in discrete dynamics
- 14:10-14:30 Petra ŠINDELÁŘOVÁ: Proof of a conjecture on ω -limit sets
- 14:40-15:00 Timothy H. STEELE: Notions of stability for discrete dynamical systems
- 15:10-15:30 Ali ALIKHANI: On First Return Path Systems
- 15:30-15:50 Coffee
- 15:50-16:10 Jozef BOBOK: Entropy and level sets
- 16:20-16:40 Udayan B. DARJI: Smooth images of the irrationals
- 16:50-17:10 Jiří KUPKA: Triangular maps with the chain recurrent points periodic
- 18:30 Dinner
- 20:30-21:30 Evening Problem Session chaired by Paul HUMKE

Tuesday, June 24

Morning Session

Chair: Jaroslav SMÍTAL

- 8:30-9:00 Piotr SWOROWSKI: Adjoint classes for generalized Riemann-Stieltjes integrals
- 9:00-9:20 Tim TRAYNOR: Denjoy versus KH-integral in n -space
- 9:30-9:50 Paul HUMKE: Almost every sequence integrates
- 10:00-10:20 Coffee
- 10:20-11:20 Jaroslav KURZWEIL: On Riemannian Approach to Integration
- 11:30-11:50 Štefan SCHWABIK: Integration in Banach spaces
- 12:00 Lunch

Afternoon Session

Chair: Wladyslaw WILCZYNSKI

- 13:40-14:00 Pat MULDOWNY: A Riemann approach to stochastic analysis
- 14:10-14:30 Luisa Di PIAZZA: The Pettis and the McShane integrals for Banach valued functions
- 14:40-15:00 Valentin A. SKVORTSOV: Dyadic Kurzweil-Henstock integral in Walsh-Fourier transform
- 15:10-15:30 Milan MATEJDES: Multifunction methods
- 15:30-15:50 Coffee
- 15:50-16:10 Valeria MARRAFFA: The Mc-Shane and the Kurzweil-Henstock integrals of functions taking values in a locally convex space
- 16:20-16:40 Andrzej RYCHLEWICZ: On generalizations of the notion of continuity of multifunctions in bitopological spaces
- 17:30 Dinner
- 18:15 Depart for Theatre

Wednesday, June 25

Hike in Jeseniky

- 19:00 Dinner

Thursday, June 26

Morning Session

Chair: Clifford E. WEIL

- 8:30-9:00 Marek LAMPART: Two kinds of chaos and relations between them
- 9:00-9:20 Brian S. THOMSON: VBG Functions
- 9:30-9:50 Krzysztof PLOTKA: Some Results on Axial Maps of Direct Product of Finite Sets
- 10:00-10:20 Coffee
- 10:20-10:40 Ondřej ZINDULKA: Universal measure zero sets with full Hausdorff dimension
- 10:50-11:10 Antonio BOCCUTO: Decomposition theorems in Riesz spaces
- 12:00 Lunch

Afternoon Session

Chair: Zbigniew NITECKI

- 13:40-14:00 Emma D'ANIELLO: On locally Hölder functions
- 14:10-14:30 Tamas MATRAI: Functions with L_p differences
- 14:40-15:00 Lech BARTOLOMIEJCZYK: Irregular scaling functions with orthogonal translations
- 15:10-15:30 Giuseppa RICCOBONO: An integral on a topological measure space
- 15:30-15:50 Coffee
- 16:00-17:00 Michal MISIUREWICZ: Not-quite-holomorphic dynamics
- 18:30 Dinner

Friday, June 27

Morning Session

Chair: Tim TRAYNOR

- 9:00-9:20 Piotr SZUCA: Itinerary Lemma for some classes of discontinuous functions
- 9:30-9:50 Jacek HEJDUK: On the density type topologies on the real line
- 10:00-10:20 Coffee
- 10:20-11:20 Zoltan BUCZOLICH: A solution to the gradient problem of C. E. Weil
- 11:30-11:50 Marta ŠTEFÁNKOVÁ: Distributional chaos for triangular maps
- 12:00 Lunch

Afternoon Session

Chair: Štefan SCHWABIK

- 13:40-14:00 Gabriela DVORNÍKOVÁ: Characterisation of α -limit sets for continuous maps of the interval
- 14:10-14:30 Marcin SZYSZKOWSKI: Symmetric differentiation and monotonicity
- 14:40-15:00 Grazyna KWIECINSKA: On strong quasi-continuity of multivalued functions
- 15:10-15:30 Andrzej NOWAK: On regular selectors
- 15:30-15:50 Coffee
- 15:50-16:10 Jaroslav SMÍTAL: The triangular maps with zero topological entropy
- 16:20-16:40 Marton ELEKES: TBA
- 16:50-17:10 Marek BALCERZAK: Variants of the Steinhaus property
- 18:30 Symposium Banquet

Saturday, June 28

Morning Session

Chair: Brian S. THOMSON

- 9:00-9:20 Natasha KHOLSHCHEVNIKOVA: The number of values for convergent trigonometric series
- 9:30-9:50 Rafal FILIPOW: On additive functions which are measurable
- 10:00-10:20 Coffee
- 10:20-11:20 Alexander OLEVSKII: Power series on the boundary
- 11:30-11:50 Jan KOLÁŘ: Gradient ranges of bump functions on the plane
- 12:00 Lunch

Afternoon Session

Chair: Jack BROWN

- 13:40-14:00 Grazyna HORBACZEWSKA: Some kinds of convergence with respect to small sets
- 14:10-14:30 Vyacheslav V. CHISTYAKOV: A selection principle for mappings of bounded variation of several variables
- 14:40-15:00 Andrzej NOWIK: Asymmetry between measure and category
- 15:10-15:30 Tomasz NATKANIEC: The \mathcal{I} -a.c. convergence of sequences of real functions
- 15:30-15:50 Coffee
- 15:50-16:10 Władysław WILCZYŃSKI: On Lebesgue Density Theorem
- 16:20-16:40 Elżbieta KUBINSKA: The Caratheodory functions
- 16:50-17:10 Omar DZAGNIDZE: On some new properties of functions of several variables
- 18:30 Dinner

Departures

Sunday, June 29