

Scientific Program

July 3, Monday

Chairman: Petar Kenderov

9:00 – 9:30 Julian Revalski, The use of Banach-Mazur game in variational analysis: some recent results

9:30 – 10:00 Aris Daniilidis, Determination of functions by metric slopes

10:00 – 10:30 Roberto Lucchetti, Characterizing a class of social ranking functions

10:30 – 11:00 Coffee Break

Chairman: Stanimir Troyanski

11:00 - 11:30 Robert Deville, Recurrent points in linear dynamics

11:30 – 12:00 Milen Ivanov, Hadamard inverse function theorem proved by variational analysis

12:30 – 14:00 Lunch

Chairman: Julian Revalski

14:00 – 14:30 Robert Baier, (Strengthened) one-sided Lipschitz set-valued maps: I. examples and applications

14:30 – 15:00 Elza Farkhi, Continuous and discrete Filippov-type Stability for one-sided Lipschitzian inclusions

15:00 – 15:30 Coffee Break

Chairman: Luca Lussardi

15:30 – 16:00 Tzanko Donchev, Conformable evolution inclusions with causal operators

16:00 - 16:30 Ognyan Kounchev, The solution of the most ill- of all ill-posed inverse problems - Dimiter Zidarov's legacy in potential theory, gravimetry and magnetometry in Bulgaria

19:00- 20:00 Dinner

20:00 Welcome party

July 4, Tuesday

Chairman: Vladimir Veliov

9:30 – 10:00 Helene Frankowska, Hamilton-Jacobi-Bellman equation on the Wasserstein space $\mathcal{P}_2(\mathbb{R}^d)$

10:00 – 10:30 Antonio Marigonda, Dynamical systems in the Wasserstein space and their L^2 representation

10:30 – 11:00 Giulia Cavagnari, Lagrangian approach to totally dissipative evolutions in Wasserstein spaces

11:00 – 11:30 Coffee Break

Chairman: Roberto Lucchetti

11:30 - 12:00 Alexander Ioffe, On the strong minimum in the classical problem of calculus of variations

12:00 – 12:30 Luca Lussardi, Some uniqueness results for minimizers of classical integral functionals

12:30 – 14:00 Lunch

Chairman: Pierpaolo Soravia

14:00 – 14:30 Laura Poggiolini, An Hamiltonian approach to state constrained optimal control problems

14:30 – 15:00 Margarita N. Nikolova, On the small-time local controllability

15:00 – 15:30 Coffee Break

Chairman: Denka Kutsarova

15:30 – 16:00 Todor Manev, On locally uniformly rotund renorming of the space of continuous functions on a compact admitting a fully closed projection

16:00 - 16:30 Sebastian Lajara, Invertibility of weakly Gateaux differentiable maps between Banach spaces

19:00- 20:30 Dinner

July 5, Wednesday

Excursion

July 6, Thursday

Chairman: Robert Deville

9:30 – 10:00 Denka Kutzarova, From property (β) of Rolewicz to metric geometry

10:00 – 10:30 Mikhail Ostrovskii, Weak* closures and derived sets for convex sets in dual Banach spaces

10:30 – 11:00 Stephen J. Dilworth, Metric embeddings of Laakso graphs into Banach spaces

11:00 – 11:30 Coffee Break

Chairman: Alexander Ioffe

11:30 - 12:00 Vladimir Veliov, Sufficient Optimality Conditions and Strong Subregularity for ODE and PDE Optimal Control

12:00 – 12:30 Pierpaolo Soravia, Almost everywhere local Lipschitz continuity of the minimum time function and smooth Lyapunov functions for a class of step two Carnot groups

12:30 – 14:00 Lunch

Chairman: Helene Frankowska

14:00 – 14:30 Nadezhda K. Ribarska, A sufficient condition for tangential transversality

14:30 – 15:00 Mikhail I. Krastanov, On the basic problem of calculus of variations with pure state constraints

15:00 – 15:30 Coffee Break

Chairman: Milen Ivanov

15:30 – 16:00 Maria Tasheva, Transversality and strong tangential transversality

16:00 - 16:30 Stoyan Apostolov, Nonuniform convergence on any open subset

20:30 Official Dinner

July 7, Friday

Chairman: Nadia Zlateva

9:30 – 10:00 Hristo Sendov, Polar convexity and a refinement of the Gauss-Lucas theorem

10:00 – 10:30 Alona Mokhov, Older and recent developments in set-valued approximation

10:30 – 11:00 Pando Gr. Georgiev, Variational principles for monotone variational inequalities

11:00 – 11:30 Coffee Break

Chairman: Mayer Aladjem

11:30 - 12:00 Vera Roshchina, Faces of convex sets in high dimensions: an overview

12:00 – 12:30 Matey Konstantinov, Epigraphical characterization of uniformly lower regular functions in Hilbert spaces

12:30 – 14:00 Lunch

Chairman: Hristo Sendov

14:00 – 14:30 Detelina Kamburova, Saddle points in completely regular topological spaces

14:30 – 15:00 Hristina Topalova, Perturbation method in Orlicz sequence spaces

15:00 – 15:30 Coffee Break

Chairman: Robert Baier

15:30 – 16:00 Mihail Hamamdjiev, Rolle type inequality

16:00 - 16:30 Boyan K. Stefanov, A sufficient optimality condition for a constrained infinite-time horizon linear-quadratic game

19:00- 20:30 Dinner

July 8, Saturday
Departure