Schedule

October 16

09:45-10:00	Opening remarks (Auditorium 232, Amado Building)
10:00-10:30	Andreas Fischer *Local attractors of Newton-type methods for constrained equations with nonisolated solutions*
10:30-11:00	Boris Mordukhovich *Avoiding critical multipliers and slow convergence of primal-dual algorithms*
11:00-11:30	Yurii Nesterov *Complexity bounds for primal-dual methods minimizing the model of objective function*
11:30-12:00	Break (8th floor)
12:00-12:30	Yakar Kannai *Individual demand, utility maximization, and systems of differential equations*
12:30-13:00	Alexander Kruger *Transversality properties of pairs of sets and alternating projections*
13:00-13:30	Amos Uderzo *On a convexity principle with applications to nonconvex optimization*
13:30-15:00	Lunch (8th floor)
15:00-15:30	Zvi Artstein *An optimal control example arising in the singular perturbations limit*
15:30-16:00	Valery Glizer *Saddle-point equilibrium sequence in singular infinite horizon zero-sum linear-quadratic differential game with state delays*
16:00- 16:30	Roman Polyak *The "hot start" phenomenon in convex optimization*
16:30-17:00	Michael Zibulevsky *Speeding-up convergence via sequential subspace optimization (SESOP)*
17:30	Reception (8th floor)

October 17

09:30-10:00	Yonina Eldar *Phase retrieval with application to optical imaging*
10:00-10:30	Oliver Stein *Feasible roundings for granular optimization*
10:30-11:00	Christiane Tammer *On some new methods to derive necessary and sufficient optimality conditions in vector optimization*
11:00-11:30	Boris Vexler *Finite element methods for optimal control problems with measures*
11:30-12:00	Break (8th floor)
12:00-12:30	Stephan Dempe *Simple bilevel programming and extensions: theory and algorithms*
12:30-13:00	Alexander Ioffe *On transversality in variational analysis*
13:00-13:30	Mark Teboulle *First order methods beyond Lipschitz gradient continuity*
13:30-15:00	Lunch (8th floor)
15:00-15:30	Michael Baes *Existence, uniqueness, and stability of optimal portfolios of eligible assets*
15:30-16:00	Tomas Bajbar *On coercivity of polynomials and real Jacobian conjecture*
16:00-16:30	Aviv Gibali *Speedup of lexicographic optimization by superiorization and its applications to cancer radiotherapy treatment*
16:30-17:00	Yekini Shehu *A new projection-type approximation method for solving pseudomonotone variational inequality in Hilbert spaces*

October 18

09:30-10:00	Radu Ioan Bot *ADMM for monotone operators: convergence analysis and rates*
10:00-10:30	Vladimir Shikhman *Tatonnements for Cobb-Douglas economy based on the power method*
10:30-11:00	Fredi Tröltzsch *Second-order sufficient optimality conditions for strong local minima in sparse optimal control of reaction diffusion equations*
11:00-11:30	Hong-Kun Xu *Convergence analysis of the Frank-Wolfe algorithm in Banach spaces*
11:30-12:00	Break (8th floor)
12:00-12:30	Andrzej Cegielski *Regular sequences of quasi-nonexpansive operators and their applications*
12:30-13:00	Ekaterina Kostina *Numerical methods of optimum experimental design based on a second-order analysis of parameter estimates*
13:00-13:30	Alois Pichler *Continuity properties of risk averse stochastic programs*
13:30-15:00	Lunch (8th floor)
15:00-15:30	Daniel Reem *Fixed points of Legendre-Fenchel type transforms and polarity type operators*
15:30-16:00	Vera Roshchina *Lexicographic tangents and facially dual complete cones*
16:00-16:30	Alexander Zaslavski *Subgradient projection algorithm with computational errors*
17:00	Banquet (8th floor)

October 19

09:30-10:00	Amir Beck *Optimization problems with sparsity-inducing terms*
10:00-10:30	Yair Censor *Finding a best approximation pair of points for two polyhedra*
10:30-11:00	Harald Günzel *Stationary Point Set: Topological Universality of Convex Quadratic Problems*
11:00-11:30	Simone Sagratella *Solution methods for Nash equilibrium problems with mixed-integer variables*
11:30-12:00	Break
12:00-12:30	Ilya Ioslovich *Optimal feedback control for a perimeter traffic flow at an urban region.*
12:30-13:00	Shoham Sabach *A framework for globally convergent methods in nonsmooth and nonconvex problems*
13:00-13:30	Arkady Poliakovsky *Jumps detection in Besov spaces via a new BBM formula. Applications to Aviles-Giga type functional*
13:30-15:00	Lunch
15:00-15:30	Martin Knossalla *Minimization of marginal functions in mathematical programming*
15:30-16:00	Rafal Zalas *Linear convergence rate of extrapolated fixed point algorithms*
16:00-16:30	Concluding remarks