

Program

	15/11	16/11	17/11
9:00 - 9:30	Regina Burachik (University of South Australia) <u>Generalized Bregman distances</u>	Shoham Sabach (The Technion - Israel Institute of Technology) <u>First Order Methods Beyond Convexity and Lipschitz Gradient Continuity with Applications to Quadratic Inverse Problems</u>	Isao Yamada (Tokyo Institute of Technology) <u>A Constrained LiGME Model for Sparsity-Rank-Aware Least-Squares Estimation Problems</u>
9:30 - 10:00	Yair Censor (University of Haifa) <u>The Superiorization Methodology</u>	Chinedu Izuchukwu (The Technion - IIT) <u>Convergence of Relaxed Inertial Methods for Solving the Split Monotone Variational Inclusion Problem Beyond Cocoerciveness</u>	Gershon Wolansky (The Technion - IIT) <u>Variational characterization of self similar Chemotactic systems</u>
10:10 - 10:40	Hong-Kun Xu (Hangzhou Dianzi University) <u>Halpern's Iteration Method for Convex-Concave Minimax Problems</u>		Stefania Petra (Heidelberg University) <u>A geometric first-order multilevel method for discrete tomography</u>
10:40 - 11:10	Daniel Wachsmuth (University of Wuerzburg) <u>A proximal gradient method for control problems with non-smooth and non-convex control cost</u>	Michel Théra (Université de Limoges) <u>Characterizing the error bound properties of functions in metrizable topological vector spaces</u>	Alexander Zaslavski (The Technion - IIT) <u>Optimization on Solution Sets of Common Fixed-Point Problems</u>
11:30 - 12:00	Christian Günther (Martin Luther University Halle-Wittenberg) <u>Vector optimization w.r.t. relatively solid convex cones in real linear spaces</u>	Shipra Singh (Technion) <u>A Multidimensional Approach to Noncooperative Strategic Games</u>	Amir Beck (Tel Aviv University) <u>Dual Randomized Coordinate Descent Method for Solving a Class of Nonconvex Problems</u>

12:00 - 12:30	Elena Resmerita (Alpen-Adria University of Klagenfurt) <u>On certain variational non-additive noise models and beyond</u>	Amos Uderzo (Università degli Studi di Milano-Bicocca) <u>On the stability analysis of parameterized set-valued inclusions</u>	Marc Teboulle (Tel Aviv University) <u>Faster Lagrangian-Based Methods in Convex Optimization</u>
12:40 - 13:10	Roman Polyak (Technion) <u>Finding Non-Linear Production-Consumption Equilibrium</u>	Constantin Zălinescu (Octav Mayer Institute of Mathematics) <u>On Lagrange multipliers in convex entropy minimization</u>	Patrick Louis Combettes (North Carolina State University) <u>Warped resolvent iterations</u>
13:10 - 13:40			Adir Pridor (Holon Institute of Technology) <u>"Hopeless" Optimization in Industrial Mathematics</u>
15:30 - 16:00	Boris Mordukhovich (Wayne State University) <u>Generalized Newton methods via variational analysis</u>	Igor Griva (George Mason University) <u>To rescale or to project? Solving quadratic programming problems with Lagrange multipliers methods</u>	Yekini Shehu (Zhejiang Normal University) <u>Extragradient-Type Algorithm for Solving Pseudomonotone Equilibrium Problem with Bregman Distance in Reflexive Banach Spaces</u>
16:00 - 16:30	Angelia Nedich (Arizona State University) <u>Inexact smooth penalty for convex problems with linear constraint</u>	Panos Pardalos (University of Florida) <u>On the Limits of Computation in Non-convex Optimization</u>	Akhtar Khan (Rochester Institute of Technology) <u>An Optimization Framework for The Nonlinear Inverse Problems of Estimating Random Parameters in Stochastic PDEs</u>
16:40 - 17:10	Jong-Shi Pang (University of Southern California) <u>Some Nonsmooth Function Classes and Their Optimization</u>	Terry Rockafellar (University of Florida) <u>Local monotonicity of subgradient mapping</u>	Shawn Wang (University of British Columbia) <u>Bregman Proximal Averages</u>

17:15-17:45	Henry Wolkowicz (University of Waterloo) <u><i>NP-Hard Problems, Doubly Nonnegative Relaxations, Facial Reduction, and Splitting Methods</i></u>	Bao Q. Truong (Northern Michigan University) <u><i>VECTOR OPTIMIZATION WITH DOMINATION STRUCTURES: VARIATIONAL PRINCIPLES AND APPLICATIONS</i></u>	Rafal Zalas (Technion) <u><i>Error Bounds for the Method of Simultaneous Projections with Infinitely Many Subspaces</i></u>
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