

August 28, Monday

1ST MORNING SESSION– CHAIR: NICOLAS HADJISAVVAS

- 08:50–09:00: Opening
09:00–09:20: ROMAN GER, *Higher order Jensen-convex functionals that are measurable on curves*
09:25–09:45: ZOLTÁN BOROS, *Monotonicity of the \mathbb{Q} -subdifferential of Jensen-convex functions*
09:50–10:10: MIROSLAW ADAMEK, *Remarks on F -convex functions*
10:15–10:35: ÉVA SZÉKELYNÉ RADÁCSI, *Characterization of convexity with respect to smooth Chebyshev systems*

Coffee Break 10:40–11:10

2ND MORNING SESSION– CHAIR: BORIS MORDUKHOVICH

- 11:10–11:30: ZSOLT PÁLES, *Support theorems in an abstract setting*
11:35–11:55: WITOLD JARCZYK, *Convexity in abelian semigroups*
12:00–12:20: ATTILA GILÁNYI, *On convex functions of higher order with a modulus*

LUNCH 12:30–14:00

1ST AFTERNOON SESSION– CHAIR: ALFREDO N. IUSEM

- 15:00–15:20: ROMAN BADORA, *On monotonic functions between lattices*
15:25–15:45: DAWID KOTRYŚ, *Separation by Jensen and affine stochastic processes*
15:50–16:10: NOÉMI NAGY, *Separation theorems for approximately convex functions*
16:15–16:35: MIHÁLY BESSENYEI, *The affine separation problem revisited*

Coffee Break 16:40–17:10

2ND AFTERNOON SESSION– CHAIR: DINH THE LUC

- 17:10–17:30: KAZIMIERZ NIKODEM, *Functions generating (m, M, Ψ) -Schur-convex sums*
17:35–17:55: ANDRZEJ OLBRYŚ, *On T -Schur-convex functions*
18:00–18:20: TIBOR KISS, *Implications among generalized convexity properties of real functions*

DINNER 18:30–20:00

August 29, Tuesday

1ST MORNING SESSION– CHAIR: WITOLD JARCZYK

- 09:00-09:45: RENÉ HENRION (PLENARY TALK), *Probabilistic constraints: convexity issues and beyond*
09:50–10:10: NICOLAS HADJISAVVAS, *Quasiconvex functions, adjusted sublevel sets, and global optimization*
10:15–10:35: TERESA RAJBA, *On strongly quasi convex functions*

Coffee Break 10:40–11:10

2ND MORNING SESSION– CHAIR: RENÉ HENRION

- 11:10–11:30: BORIS MORDUKHOVICH, *Using generalized convexity to avoid slow convergence of primal-dual algorithms in optimization*
11:35–11:55: PATRICHE MONICA, *New types of correspondences with generalized convexity and their applications to the minimax inequalities*
12:00–12:20: FLEMMING TOPSØE, *Models of information and global optimization without Lagrange multipliers*

LUNCH 12:30–14:00

1ST AFTERNOON SESSION– CHAIR: KAZIMIERZ NIKODEM

- 15:00–15:20: LÁSZLÓ HORVÁTH, *Cyclic refinements of the different versions of operator Jensen's inequality*
15:25–15:45: PATRICIA SZOKOL, *Transformations preserving norms of means of positive operators*
15:50–16:10: MOHAMMAD HOSSEIN ALIZADEH, *Fitzpatrick function for premonotone operators*
16:15–16:35: CORNEL-SEBASTIAN PINTEA, *Generalized monotone operators on finite dimensional spaces. Applications*

Coffee Break 16:40–17:10

2ND AFTERNOON SESSION– CHAIR: FLEMMING TOPSØE

- 17:10–17:30: MARYAM LOTFIPOUR, *Convexity conditions of KKM-like theorems via mappings*
17:35–17:55: JACEK CHUDZIAK, *On convexity of the zero utility principle*
18:00–18:20: FELIPE LARA, *Asymptotic analysis for quasiconvex functions with applications*

DINNER 18:30–20:00

August 30, Wednesday

1ST MORNING SESSION– CHAIR: ROMAN GER

- 09:00-09:45: FRANCISCO FACCHINEI (PLENARY TALK), *Asynchronous parallel algorithms for the minimization of nonsmooth, nonconvex functions*
- 09:50–10:10: CSABA VARGA, *A geometric characterization of Hardy inequality in Minkowski space*
- 10:15–10:35: MASOUD AHOOKHOSH, *Finding zeros of mappings satisfying Hölder metric subregularity*

Coffee Break 10:40–11:10

2ND MORNING SESSION– CHAIR: MARIA BERNADETTE DONATO

- 11:10–11:30: MONICA MILASI, *Solutions of quasi-variational inequalities through variational inequalities*
- 11:35–11:55: ANURAG JAYSWAL, *Modified objective function approach for multitime variational problems*

LUNCH 12:00–13:00

EXCURSION 13:00–18:00: Lake Tisza Ecocenter in Poroszló

DINNER 18:30–21:00: Tavern of Hortobágy

August 31, Thursday

1ST MORNING SESSION– CHAIR: RICCARDO CAMBINI

- 09:00-09:45: ALEXANDRU KRISTÁLY (PLENARY TALK), *Convexity vs. curvature*
09:50–10:10: CSABA VINCZE, *Lazy orbits: an optimization problem on the sphere*
10:15–10:35: FUMIAKI KOHSAKA, *Approximating minimizers of convex functions in geodesic metric spaces with curvature bounded above*

Coffee Break 10:40–11:10

2ND MORNING SESSION– CHAIR: FRANCISCO FACCHINEI

- 11:10–11:30: DINH THE LUC, *On equilibrium in multi-criteria traffic networks*
11:35–11:55: MARIA BERNADETTE DONATO, *Variational formulation of a general equilibrium model with incomplete financial markets and numeraire assets: existence*
12:00–12:20: JUAN LUIS RODENAS-PEDREGOSA, *Nonlinear scalarization in real linear spaces and vector equilibrium problems*

LUNCH 12:30–14:00

1ST AFTERNOON SESSION– CHAIR: ALEXANDRU KRISTÁLY

- 15:00–15:20: FABIÁN FLORES BAZÁN, *The standard quadratic optimization problem and its extensions: strong duality, hidden convexity and S-lemma*
15:25–15:45: ALFREDO N. IUSEM, *Second order asymptotic functions with applications to Quadratic Programming*
15:50–16:10: TOMASZ SZOSTOK, *Some applications of Levin-Stechkin theorem and its generalizations*
16:15–16:35: JUDIT MAKÓ, *Approximate convexity of the Takagi function*

Coffee Break 16:40–17:10

2ND AFTERNOON SESSION– CHAIR: NICOLAS HADJISAVVAS

- 17:10–18:40 General Assembly of WGGC

FESTIVE DINNER 19:30–

September 1, Friday

1ST MORNING SESSION– CHAIR: FABIÁN FLORES BAZÁN

- 09:00–09:20: RICCARDO CAMBINI, *Generating the efficient frontier of a class of bicriteria generalized fractional programs*
- 09:25–09:45: SHIV KUMAR GUPTA, *On multiobjective interval valued fractional optimization problems*
- 09:50–10:10: LIDIA HUERGA, *Characterization of proper efficiency in multiobjective optimization through nonlinear scalarization*
- 10:15–10:35: INDIRA DEBNATH, *Duality gaps for I-fuzzy linear programming problems under exponential membership function*

Coffee Break 10:40–11:10

2ND MORNING SESSION– CHAIR: PETER VOLKMANN

- 11:10–11:30: GYULA MAKSA, *Results related to the invariance equation $K \circ (M, N) = K$*
- 11:35–11:55: DOROTA GŁAZOWSKA AND JUSTYNA JARCZYK, *Convex means*
- 12:00–12:20: AMR ZAKARIA, *On the local and global comparison of generalized Bajraktarević means*

LUNCH 12:30–14:00

1ST AFTERNOON SESSION– CHAIR: GYULA MAKSA

- 15:00–15:20: PETER VOLKMANN, *Quasimonotonicity and functional inequalities*
- 15:25–15:45: WŁODZIMIERZ FECHNER, *Some remarks on Hlawka's inequality*
- 15:50–16:10: CLOSING

FAREWELL DINNER 18:00–