7th International Seminar on
Optimization and
Variational Analysis

Wednesday, June 1

08:00 – 08:45	*Registration*
08:45 – 09:15	*Opening Ceremony (at the Faculty of Law)*
09:30 – 10:20	**HEDY ATTOUCH** (plenary) Fast splitting algorithms for convex optimization. Beyond Nesterov complexity bound $O(1/k^2)$
10:20 – 10:55	**FRANCISCO ARAGÓN** Accelerating the DC algorithm for smooth functions
11:00 – 11:30	*Coffee Break*
11:30 – 12:05	**JULIAN REVALSKI** Lenses, uniform-like properties of the norm and optimization problems in Banach spaces
12:05 – 12:40	**STEPHEN SIMONS** SN spaces, ''densities'' and maximal monotonicity
12:40 – 13:15	**M. JOSEFA CÁNOVAS** Calmness in linear optimization with applications
13:20 – 15:00	*Lunch*
15:00 – 15:35	**EMIL ERNST** The converse of the linear form of the Brézis-Lions-Stampacchia theorem: a story of team work and collaboration
15:35 – 16:10	**BERNARD CORNET** On Choquet pricing for financial markets with frictions
16:15 – 17:15	*Coffee Break and* *Poster Session (room A1/0-17G)*
17:15 – 17:50	**ALEJANDRO JOFRE** Variance-based stochastic extragradient methods with linear search for stochastic variational inequalities
17:50 – 18:25	**SAMIR ADLY** Josephy-Newton method for generalized equations: Kantorovich's and Smale's approaches
20:30	*Dinner*

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Thursday, June 2

09:15 – 09:50	**JEAN-MARC BONNISSEAU** Equilibrium in a production economy with an unbounded attainable set
09:50 – 10:25	**ALEXANDER IOFFE** Transversality in variational analysis
10:25 – 11:00	**RADU IOAN BOT** Primal-dual proximal-type algorithms for the minimization of complexly structured nonsmooth convex functions
11:00 – 11:30	*Coffee Break*
11:30 – 12:05	**BORIS MORDUKHOVICH** Second-order analysis and applications of piecewise linear functions
12:05 – 12:40	**NICOLAS HADJISAVVAS** Second order asymptotic analysis
12:40 – 13:15	**RENÉ HENRION** Aspects of nondifferentiability for probability functions
13:20 – 15:00	*Lunch*
15:00 – 15:50	**HEINZ BAUSCHKE** (plenary) On the Douglas-Rachford algorithm
15:50 – 16:25	**ALESSANDRA RAGUSA** From local to global regularity of minimizer of some variational integrals
16:25 – 16:50	*Coffee Break*
16:50 – 17:25	**CLAUDIA SAGASTIZÁBAL** Primal-dual methods in stochastic programming with application to energy problems
17:25 – 18:00	**TEEMU PENNANEN** Duality and optimality in stochastic optimization and mathematical finance
20:30	*Official Dinner (a bus leaves at 20:00)*

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Friday, June 3

09:30 – 10:20	**JONATHAN BORWEIN** (plenary) The Lambert W function in optimization
10:20 – 10:55	**JUAN-ENRIQUE MARTÍNEZ-LEGAZ** A general nonconvex multiduality principle
11:00 – 11:30	*Coffee Break*
11:30 – 12:05	**LIONEL THIBAULT** Swepping process with bounded truncated retraction
12:05 – 12:40	**JEAN-B. HIRIART-URRUTY & MARCO LÓPEZ** Best approximate solutions of inconsistent linear inequality systems
12:40 – 13:15	**HENRI BONNEL** A new approach in the semivectorial bilevel optimization problem: the Riemannian setting
13:20 – 15:00	*Lunch*
15:00 – 15:35	**JEAN-PAUL PENOT** Convex analysis revisited
15:35 – 16:10	**RAFAEL CORREA** Towards supremum-sum subdifferential calculus free of qualification conditions
16:10 – 16:45	**ROBERTO LUCCHETTI** Strong Nash equilibria and mixed strategies
16:45 – 17:15	*Coffee Break*
17:15 – 17:45	*Closing Ceremony*