



## XI International Seminar on Optimization and Variational Analysis (OVA11)

**Thursday 22<sup>nd</sup> September 2022**

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9:00 – 9:15	<i>Opening</i>
9:15 – 9:50	<b>JEAN-BAPTISTE HIRIART-URRUTY</b> More on second-order properties of the Moreau regularization- approximation of a convex function
9:55 – 10:30	<b>ARIS DANILIDIS</b> Determination of functions by metric spaces
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 11:35	<b>ALEXANDER Y. KRUGER</b> Radius theorems for (strongly) regularity and (strong) subregularity
11:40 – 12:15	<b>RADEK CIBULKA</b> A quest for simple and unified proofs in regularity theory: perturbation stability
12:20 – 12:55	<b>SORIN-MIHAI GRAD</b> Relaxed-inertial proximal point algorithms for problems involving strongly quasiconvex functions
13:15 – 15:15	<i>Lunch</i>
15:30 – 16:05	<b>SAMIR ADLY</b> Sensitivity analysis of monotone inclusions via the proto- differentiability of the resolvent operator
16:10 – 16:45	<b>RUBÉN CAMPOY</b> The Boosted DC Algorithm for linearly constrained DC programming
16:50 – 17:25	<b>ROBERTO LUCCHETTI</b> The problem of Social Ranking
20:30	<i>Official Dinner</i> <i>Cervecería Mauro (Juan Ramón Jiménez, 29, Sant Vicent del Raspeig)</i>

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09:15 – 9:50	<b>GUOYIN LI</b> Proximal methods for nonsmooth and nonconvex fractional programs: when sparse optimization meets fractional programs
9:55 – 10:30	<b>JUAN-ENRIQUE MARTÍNEZ-LEGAZ</b> On the Gauss ranges of closed convex sets
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 11:35	<b>RADU I. BOT</b> Fast optimistic gradient descent ascent method in continuous and discrete time
11:40 – 12:15	<b>DAVID TORREGROSA-BELÉN</b> A primal-dual splitting algorithm for composite monotone inclusions with minimal lifting
12:20 – 12:55	<b>JOSÉ VIDAL-NÚÑEZ</b> The total variation as a shape prior in geometric inverse problems
13:15 – 15:15	<i>Lunch</i>
15:30 – 16:05	<b>LIONEL THIBAUT</b> Weak compactness of sublevels
16:10 – 16:45	<b>MATÍAS RAJA</b> Uniformly convex functions
16:50 – 17:25	<b>MICHEL THÉRA</b> Locating and invariance theorems of differential inclusions governed by maximally monotone operators
17:30	<i>Poster Session and Open Questions</i>

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