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Annual Meeting, September 13-18, 2021- "Distributed" Remote Mode

Optimization, Variational Analysis, and Applications

September 16, 2021 – [Virtual Room](#)

10:00 – 10:05 Welcome

10:05 – 10:20 **Introduction:** [Giorgio Giorgi](#)

First Morning Session. *Chair: Monica Milasi*

10:20 – 10:45 Fabian Flores-Bazan, Yboon Garcia, **Nicolas Hadjisavvas**

"Quasiconvex families of functions, with applications to the quasiconvexity of the sum or the infimum of a family of quasiconvex functions"

10:45 – 11:10 **Carlo Alberto De Bernardi**

"On the extension of continuous quasiconvex functions"

11:10 – 11:35 Elisa Caprari, Lorenzo Cerboni Baiardi, **Elena Molho**

"Robustification and scalarization of a parametric vector optimization problem: a noncomponentwise approach"

11:35 – 11:45 Coffee Break

Second Morning Session. *Chair: Nicolas Hadjisavvas*

11:45 – 12:10 **Didier Aussel**, Kien Cao Van, David Salas

"Existence results for quasiconvex generalized Nash equilibrium problems"

12:10 – 12:35 Marco Castellani, **Massimiliano Giuli**

"A Generalized Ky Fan Minimax Inequality on Finite Dimensional Spaces"

12:35 – 13:00 **Riccardo Cambini**, Rossana Riccardi
“Hierarchical Fleet Mix Problems with Risk-Aversion”

13:00 – 14:00 Lunch Break

First Afternoon Session. *Chair: Elena Molho*

14:00 – 14:25 **Igor Konnov**
“Decomposable Penalty Method for Generalized Game Problems with Joint Constraints”

14:25 – 14:50 **Monica Bianchi**
“Brezis pseudomonotone bifunctions and quasi equilibrium problems via penalization”

14:50 – 15:15 **Giancarlo Bigi**, Lorenzo Lampariello, Simone Sagratella
“Combining approximation and exact penalty in hierarchical programming”

15:15 – 15:25 Coffee Break

Second Afternoon Session. *Chair: Domenico Scopelliti*

15:25 – 15:50 **Luca Anzilli**
“A variational approach to innovative technology diffusion”

15:50 – 16:15 **Monica Milasi**, Domenico Scopelliti
“Multistage Stochastic Variational Inequalities and Economic Equilibrium”

16:15 – 16:40 Monica Milasi, **Domenico Scopelliti**
“A Variational Approach to the Maximization of Preferences Without Numerical Representation”

16:40 End

- All times are Roma time (CEST).
- Each talk is scheduled for 20 minutes and 5 minutes for questions.

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