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: Giorgia Giorgi

First Morning Session. Chair: Monica Milasi

10:20 – 10:45 Fabian Flores-Bazan, Yboom 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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