

EURO2019
30th EUROPEAN CONFERENCE ON OPERATIONAL RESEARCH
23rd-26th JUNE, DUBLIN, IRELAND

Stream: Vector and Set-Valued Optimization (VSVO)
Organizers: V. Novo and L. Huerga

Vector and Set-Valued Optimization I

MA-7. Monday 8.30-10

Chairwoman: **Lidia Huerga**

Lucia Pusillo and Vito Fragnelli: *About a class of multicriteria microarray games and applications to medicine problems*

Troung Q. Bao: *Recent developments of Ekeland's variational principle*

Andrea Wagner, Firdevs Ulus and Birgit Rudloff: *On unbounded convex vector optimization problems*

Lidia Huerga, César Gutiérrez, Bienvenido Jiménez and Vicente Novo: *Characterization of approximate proper efficiency in vector optimization with difference of mappings*

Vector and Set-Valued Optimization II

MB-7. Monday 10.30-12

Chairman: **César Gutiérrez**

Marcin Studniarski: *Vector-based robust efficiency in uncertain optimization*

Fernando García Castaño, Miguel Ángel Melguizo Padial and Giovanni Parzanese: *Density results and geometry of cones*

Miguel Ángel Melguizo Padial and Fernando García Castaño: *A set-valued Lagrange theorem based on processes for convex set-valued programming*

César Gutiérrez: *Characterizations of weakly efficient solutions of vector optimization problems*

Vector and Set-Valued Optimization III

MC-7. Monday 12.30-14

Chairman: **Miguel Ángel Sama**

Gabriel Ruiz-Garzón, Rafaela Osuna-Gómez, Antonio Rufián-Lizana, Beatriz Hernández-Jiménez and Jaime Ruiz-Zapatero. *Scalar and vector optimization on Riemannian manifolds*

Carlo Alberto de Bernardi and Enrico Miglierina: *Stability for the alternating projections method*

Lorenzo Cerboni Baiardi, Elisa Caprari and Elena Molho: *Scalarizations of a robust vector optimization problem*

Miguel Ángel Sama, Lidia Huerga and Baasansuren Jadamba: *Kaliszewski dilating cones in infinite dimensional spaces*