

Advances on logistics and transportation problems on complex networks: Evaluation and conclusions

Fuengirola 23-26 June 2021

Wednesday

Arrival, registration in hotel and thematic meetings.	10:00 – 13:30	Session 2	
Lunch.	13:30 – 16:00	Carlos Valverde: Coordinated and Non-Coordinated Routing Problems with Drones.	18:00 – 18:30
Presentation.	16:00 – 16:30	Juan M. Muñoz: Applications of continuous and discrete Mathematical Programming to Transmission Electron Microscopy.	18:30 – 19:00
Session 1			
Ángel Corberán: Close-Enough Routing Problems.	16:30 – 17:30		
Coffee break.	17:30 – 18:00		

Thursday

Session 1		Session 3	
Alberto Japón: Locating hyperplanes for classification and regression problems.	10:00 – 10:30	Thematic meetings.	16:00 – 17:00
Víctor Blanco: Math Optimization approaches in Location Science, Machine Learning and Related Topics.	10:30 – 11:00	Federico Perea: Decision making in games, transportation and scheduling.	17:00 – 17:30
Break.	11:00 – 11:30	Marina Leal: Mixed Integer Linear and Nonlinear Programming for Bilevel, Uncertainty and Complementarity Problems.	17:30 – 18:00
Session 2		Miguel A. Pozo: Mathematical modeling and multicriteria optimization in location problems and complex networks design.	18:00 – 18:30
Alfredo Marín: About the sex of angels (or pricing in discrete location models)	11:30 – 12:30	Open issues and collaborations.	18:30 – 19:00
Diego Ponce: From the Discrete Ordered Median Problem to other combinatorial optimization problems.	12:30 – 13:00		
Antonio M. Rodríguez-Chía: Generalizations of the discrete p-center problem.	13:00 – 13:30		
Lunch.	13:30 – 16:00		

Friday

Session 1		Session 3	
Luisa I. Martínez: Using Mathematical Programming for Supervised Classification: new SVM based models.	10:00 – 10:30	Thematic meetings.	16:00 – 16:30
Fernando López: Automatic differentiation with an application to maximal correlation.	10:30 – 11:00	Yolanda Hinojosa: An optimization model for line planning and timetabling in automated urban metro subway networks.	16:30 – 17:00
Break.	11:00 – 11:30	Ricardo Gázquez: New advances in Covering Location and related problems.	17:00 – 17:30
Session 2		Marta Baldomero: The Maximal Covering Location Problem under different perspectives: Uncertainty and Upgrading.	17:30 – 18:00
Stefano Benati: Hypothesis testing in the clique/modularity partition problem.	11:30 – 12:30	Justo Puerto: An overall project overview.	18:00 – 18:30
Inmaculada Espejo: Generalizations of the p-median problem.	12:30 – 13:00	Conclusions.	18:30 – 19:00
Moisés Rodríguez Madrena: New advances in location problems and portfolio selection models.	13:00 – 13:30		
Lunch.	13:30 – 16:00		

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