

Wednesday, September 6

period	Session	Session Organizer	Session Title	Session Chair	Presenting Author	Presentation Title	Room
10:40-12:20	WA1		Workshop Luís Gouveia Session I	Juan José Salazar Gonzalez	Pedro Martins	Capital and loaning constrained project scheduling	3.2.14
					Cristina Requejo	On the robust lot-sizing problem	
					Markus Leitner	The Network Design Problem with Vulnerability Constraints	
					Ridha Mahjoub	Design of Survivable Networks with Bounded-Length-Paths	
					Juan José Salazar Gonzalez	Stronger Bounds in Pseudo-Polynomial Time for the Capacitated Vehicle Routing Problem	
	WA2	Fernando Fontes	Optimization-Based Control I: Fundamentals	Fernando Fontes	Niels van Duijkeren	NMPC with Economic Objectives on Target Manifolds	6.2.50
					Andrea Alessandretti	On the design of Model Predictive Control schemes for economic optimization and applications to motion control of robotic vehicles	
					Fernando Fontes	On the use of continuous-time models for optimization-based control of constrained nonlinear systems	
	WA3		Continuous Constrained Optimization	Ismael Vaz	Asma Atamna	A New Testbed to Benchmark Algorithms for Continuous Constrained Optimization	6.2.49
					Quentin Mercier	A Stochastic Multiple Gradient Descent Algorithm, Illustration on a Sandwich Material Optimization Problem	
					Cristian Barbarosie	A derivative-based algorithm for constrained minimization	
					Ismael Vaz	Optimization in additive manufacturing	
	WA4		Multiobjective Optimization	Marta Pascoal	Nimet Yapici Pehlivan	An Integrated Fuzzy C-Means Clustering and Multi Criteria Decision Making methods for evaluating the Logistic Performance Index: A comparative analysis	6.2.48
					Rubi Arya	A fully fuzzy method for multi-objective fractional optimization problems	
					José Luis Santos	A new algorithm for the multiobjective minimum spanning tree	
					Marta Pascoal	Bimaterial 3D printing: formulation and case study	
	WA5		Optimization in Engineering	Hideshi Ishida	Luis Francisco Castillo Gamarra	Estimation of Mature Water Flooding Performance and Optimization by Using Capacitance Resistive Model and Fractional Flow model by layer	6.2.47
					Rtimi Youness	Topology optimization to design magnetic circuits	
					Maria Stefanova	An interior point method-based solver for simulation of aircraft parts riveting	
					Hideshi Ishida	Non-parametric optimization of time-averaged quantities under small, time-varying forcing: An application to a thermal convection field	