

27 <sup>th</sup> July - Tuesday												
Room 3.2.13		Room 3.2.14		Room 3.2.15		Room 3.2.16		Room 3.1.05		Room 3.1.07		
8:00-09:30	<b>Session: Multicriteria</b>		<b>Session: Design Problems</b>		<b>Session: Optimal Control/Nonlinear Optimi</b>		<b>Org. Session: Nonlinear Programming III</b>		<b>Session: Economics</b>		<b>Org. Session: Chemical Engineering</b>	
	<i>Room TAI José Figueira</i>		<i>Room TA2 Fernando Bastos</i>		<i>Room TA3 Maria do Carmo Guedes</i>		<i>Room TA4 José M. Martínez</i>		<i>Room TA5 Amílcar Serrão</i>		<i>Room TA6 António Portugal</i>	
	L.Costa; C.P.Leão; P.Oliveira; A.E. Rot(M.I. Salema; A.B. Póvoa; A.Q. Novais		M. Faizy		J.B. Francisco; J.M. Martínez; L. Martínez		P.X. Casqueiro; A.J. Rodrigues		E.T. Conceição; A. Portugal			
	Multi-objective Optimization of SMB in Pr Reverse Logistics Network Design: Model Pe Separation		Optimization and Simulation of Feedback Co		A Globally Convergent Nonlinear Programming A Neuro-dynamic Trading Methods Based on Simplex Method in Linear Program and an Application to Electronic Structure Calculations		Performance of Robust Estimator in Chemical Engineering		Improved Operation of Batch Polymerization Systems			
	I.B. Jaafar; K. Ghédira		F. Bastos; A. Cerveira; J. Gromicho		S. Sager		A. Ouorou		M. Mikhalevich; L. Koshlai		D. Silva; N. Oliveira	
	Multicriteria Optimization based on Partia		Truss Topology Design with Integer Variabl		Numerical Methods for and Applications of C		A Proximal Subgradient Projection Algorithm and		Optimization Models of Transition Dynamics		Improved Operation of Batch Polymerization Systems	
	Analysis and Negotiation		Control with Discrete Control Functions		its Application to some Nonlinear Multicommodity		Flow Problems					
	J.R. Figueira; C.G. Silva; J. Clímaco		H.S. Mok; K.S. Moon; J.R. Cho		S. Lucidi; L. Palagi; M. Sciandrone		L.F. Mendonça; V.R. Lopes; J.M. Martínez		L. Koshlai ; M. Mikhalevich		L. Santos; L. Biegler	
	Core Problems in Bi-Criteria [0,1]-Knapsack Evaluation Support System for Environmenta		A Convergent Decomposition Algorithm for Tri		Quasi-Newton Methods in the Solution of the Min Optimization		Econometric Model for Fiscal Pl		An Experimental Case Study of Nonlinear Model		Predictive Control	
	Conscious Design		Support Vector Machines		of Karush-Kuhn-Tucker Systems with Linear Constraints							
9:30-10:30	Invited Session: Franz. Rendl. "Does Semidefinite Programming Help to Approximate Combinatorial Optimization Problems?"						Chair: Domingos Cardoso					
10:30-11:00	Coffee break											
11:00-12:30	<b>Session: Survivable Network Design</b>		<b>Session: Workforce Scheduling</b>		<b>Org. Session: Derivative-free Optimizati</b>		<b>Session: Global Optimization II</b>		<b>Session: Scheduling</b>		<b>Org. Session: Optimal Control and Applications II</b>	
	<i>Room TB1 Miguel Constantino</i>		<i>Room TB2 Marta Mesquita</i>		<i>Room TB3 Katya Scheinberg</i>		<i>Room TB4 Paula Amaral</i>		<i>Room TB5 Jorge Pinho de Sousa</i>		<i>Room TB6 Moritz Diehl</i>	
	D. Huygens; M.Labbé; A.R.Mahjoub; P.I. S. Yan; C-H. Tang; M-C. Lee		E. Brea; R. Cheng		A. Teixeira; F. Bastos		A. Telleira; F. Bastos		D.P. Ronconi		M. Weiser	
	Two Edge-Disjoint Hop-Constrained Paths. An Optimization Model for Airline Flight S		Linearly Constrained Non-linear Optimization		On using the Determinant Function to Estimate th		A Lower Bound on the Makespan for the Flows		Function Space Oriented Interior Point Methods for			
	Inequalities and Branch-and-Cut		under Variable Demands		the Nelder-Mead Method		in a Predictor-corrector Method Variant for SDP		with Blocking		Optimal Control Problems	
	P. Patrício; L. Gouveia; A. Sousa		M. Mesquita; A. Paías		R. M. Lewis; A. Shephard; V. Torczon		A. Iusem; A. Seeger		M.C. Gomes; A.B. Póvoa; A.Q. Novais		M. Hintermueller	
	MPLS Network Design with Fault-Tolerance		Set Covering/Partitioning Models for Vehic		Implementation and Evaluation of Generatin		Measuring the Degree of Pointedness of		An Optimal Reactive Scheduling Model for Je		Space Mapping for Optimal Control of Partial	
	Hop Constraints		Crew Scheduling Problem		Set Search Methods		Closed and Convex Cones		Make-to-Order Industries		Differential Equations	
	S. Raghavan		M. Pato; M. Moz		G. Liuzzi; S. Lucidi; M. Sciandrone		P. Amaral; J. Júdice; H.D. Serali		R. Alves; J. Valente		J. Schloeder; H. Bock; A. Schaefer	
	Directed Connectivity Splitting for Surviva		A Nurse Rostering Problem: Multicommod		A Derivative-Free Algorithm for Linearly Co		A Reformulation-Linearization-Convexification		Beam Search Algorithms for the Early/Tardy S		Reduced Direct Multiple Shooting Algorithms for	
	Network Design		versus Multicovering Models		Finite Minimax Problems		Algorithm for Optimal Correction of an Inconsiste		Problem		Optimization of Large-Scale Dynamic Processes	
12:30-14:00	LUNCH											
14:00-15:00	Invited Session: Chris A. Floudas, "Deterministic Global Optimization: Advances and C											
15:00-15:30	Coffee break											
15:30-17:00	<b>Org. Session: Metaheuristic Applicati</b>		<b>Session: Integer Programming</b>		<b>Org. Session: Derivative-free Optimizati</b>		<b>Session: Industrial Applications</b>		<b>Org. Session: Optimal Control and Applica</b>			
	<i>Room TC1 José Fernando Gonç</i>		<i>Room TC2 Margarida Pato</i>		<i>Room TC3 Andrew R. Conn</i>		<i>Room TC4 Ana Póvoa</i>		<i>Room TC5 Pu Li</i>			
	A. Moura; J.F. Oliveira		C. Pimentel; F. Alvelos; J. Valério de Car		A.R. Conn; K. Scheinberg; L.N. Vicente		H.A. Le Thi; T. Pham Dinh; T.P. Nguyen		E. Kerrigan			
	Solving Container Loading Problems with		A Branch and Price Algorithm for the Multi		Geometric Conditions in Derivative Free Op		An Application of DCA to the Strategic Supply C		Optimal Control of Constrained Linear System			
	Meta-heuristics: A Computational Evaluati		Capacitated Lot-Sizing Problem with Setup		for a New Market Opportunity from Qualified Par		Disturbances: New Results for Optimizing over		Feedback Policies			
	J.A.V. Oliveira		G. Gonçalves; M. Pato		V. Torczon; T. Kolda; R.M. Lewis		P. Riede		H. Bock; P. Kraemer-Eis; R. Longman; J. J			
	Scheduling Operations in an Automated We		On a Global Approach for a Difficult		Generating Set Search for Nonlinear Program		Analysis of Vibration Transmission in an Automob		Numerical Determination of Optimal Feedbac			
	System		Mixed-Binary Non-Linear Optimization Problem				Simulation and Optimization of a Multibody-Sys		Nonlinear Problems with State/Control Constr			
	J.F. Gonçalves		O.B. Haddad; A. Afshar		L. Grippo; M. Sciandrone		J. Freeman		M. Diehl; H. Bock; E. Kostina			
	A Genetic Algorithm for the Two-Dimension		M.B.O. (Marriage Bees Optimization) Algori		A Nonmonotone Derivative Free Method for l		Simulating Strategic Quality Costs for the Autome		Fast SQP Methods for Online Optimal Control			
	Non-Guillotine Cutting Stock Problem		Heuristic Approach in Hydrosystems Manages		Equations		Industry					
			A. Agra; M. Constantino									
			On the Multiple Integer Knapsack Polyhedra									
17:00-18:3	<b>Org. Session: Column Generation Tech</b>		<b>Session: Telecommunications II</b>		<b>Session: Minimum Cost Trees</b>							
	<i>Room TD1 José Valério de Carv</i>		<i>Room TD3 José F. Oliveira</i>		<i>Room TD4 Pedro Martins</i>							
	C. Alves; J. Valério de Carvalho		H. Holler; S. Voß		L. Gouveia; T. Magnanti; C. Requejo							
	Accelerating Column Generation for the S		Combined Equipment-Planning and Routing		A disjunctive programming approach for							
	Variable Sized Bin-Packing Problem		Multi-Layer SDH/WDM Networks		Odd-Diameter-Constrained Minimum Spanning							
	M. Lopes; J. Valério de Carvalho		A. Haidine; L. Do; H. Hrasnica; R. Lehner		M.J. Lopes							
	Solving Parallel Machine Scheduling Probl		Planning and Optimization of Broadband Pow		Lifting Tie Constraints of a Multicommodity Flow							
	Column Generation		Communications Access Networks over Low-V		Formulation for the CMST Problem							
	H. Ben Amor		L. Burlol; M. Resende; M. Thorup		L. Gouveia; J. Telhada							
	Solving CSP by Stabilized Column Generat		Survivable Network Design with OSPF Routi		Reformulating The Multi Weighted Steiner Tree							
	Algorithm		Problem By Intersection									
19:30	Transportation from the FCUL to Castelo de S. Jorge						S. Jorge's Castle					
20:00	CONFERENCE DINNER											