1AYW

Emerging Optimisation Problems in Complex Networks

Sapienza - Università di Roma
Dipartimento di Scienze Statistiche

Workshop Program

Tuesday, February 16, 2017		
13:00-14:00	**Registration (Aula 34, floor 4)**	
14:00-15:00	**Invited speaker (Aula V, floor 4)** Prof. Justo Puerto, University of Seville. "A fresh view on k-sum optimization and the Discrete Ordered Median Problem".	
15:00-15:30	**Coffee break (Aula 49, floor 4)**	
15:30-17:30	**Seminars Session (Aula V, floor 4)**	
	15:30-16:00	**Title**: "Enhanced arc-flow formulation to minimize weighted completion time on identical parallel machines". **Speaker**: Arthur Kramer, University of Modena and Reggio Emilia.
	16:00-16:30	**Title**: "Minimization of pollutant emissions of ocean going vessels near and at ports". **Speaker**: Thalis Zis, Technical University of Denmark.
	16:30-17:00	**Title**: "Green vehicle routing problem with mixed vehicle fleet, partially recharge and time windows". **Speaker**: Giusy Macrina, University of Calabria.
	17:00-17:30	**Title**: "Cable routing of real-world offshore wind parks: can we improve it using Mixed Integer Linear Programming?" **Speaker**: Martina Fischetti, Technical University of Denmark.
20:00	**Social Dinner**	
Friday, February 17, 2017		
09:30-10:30	**Invited speaker (Aula V, floor 4)** Prof. Maria Grazia Scutellà, University of Pisa. "Optimizing Green Wireless Local Area Networks: nominal and uncertain scenarios".	
10:30-11:00	**Coffee break (Aula 49, floor 4)**	

11:00-12:30	Seminars Session (Aula V, floor 4)	
	11:00-11:30	**Title**: "A Periodic Inventory Routing Problem Investigation". **Speaker**: Rosario Paradiso, University of Calabria.
	11:30-12:00	**Title**: "Optimizing Emergency Transportation through Multicommodity Quickest Paths". **Speaker**: Anna Melchiori, IAC-CNR.
	12:00-12:30	**Title**: "Combining supervised and unsupervised learning techniques to detect postural disorders" **Speaker**: Tommaso Colombo, University of Rome "Sapienza".
12:30-14:00	Lunch break	
14:00-15:30	Seminars Session (Aula V, floor 4)	
	14:00-14:30	**Title**: "The solution of large-scale Minimum Cost SAT Problem as a tool for data analysis in bioinformatics". **Speaker**: Tommaso Pastore, University of Napoli Federico II.
	14:30-15:00	**Title**: "Bi-level Approach for Supporting Large-Scale Cross-Sectorial Flows Optimization in Industrial Symbiosis". **Speaker**: Umberto Dellepiane, ACT Operations Research.
	15:00-15:30	**Title**: "Revenue Management: a Market-Service decomposition approach for the Sales Based Integer Program model." **Speaker**: Giorgio Grani, University of Rome "Sapienza".
15:30-16:00	Coffee break (Aula 49, floor 4)	
16:00-17:30	Seminars Session (Aula V, floor 4)	
	16:00-16:30	**Title**: "A comparison of Acceptance Criteria for the Adaptive Large Neighbourhood Search Metaheuristic" **Speaker**: Alberto Maria Santini, University of Bologna
	16:30-17:00	**Title**: "A Progressive Hedging-Based Meta-Heuristic for the Service Network Design Problem with Stochastic Travel Time". **Speaker**: Giacomo Lanza, University of Rome "Sapienza".
	17:00-17:30	**Title**: "New Optimization Problems in Telecommunication Networks". **Speaker**: Lavinia Amorosi, University of Rome "Sapienza".
17:30-18:00	Closing (Aula V, floor 4)	