

Detailed program of IWLS'2011 (International Workshop on Lot Sizing)

<i>Time</i>	Wednesday, August 24
8:30-9:00	Welcome
9:00-9:30	Opening Session
9:30-10:50	Capacitated Lotsizing and Scheduling: tackling sequence dependent setups using column generation <i>Luis Guimaraes, Diego Klabjan, Bernardo Almada-Lobo</i>
	Capacitated lot sizing with parallel machines, sequence-dependent setups and common setup operators: A practical case <i>Horst Tempelmeier, Sascha Herpers, Karina Copil</i>
10:50-11:20	Coffee Break
11:20-12:40	Hybrid approaches for the capacitated lot sizing problem with setup carryover and backordering <i>Hacer Guner Goren, Semra Tunali, Raf Jans</i>
	A hybrid heuristic for the production-routing problem <i>Yossiri Adulyasak, Jean-François Cordeau, Raf Jans</i>
12:40-14:10	Lunch
14:10-16:10	Finding pareto optimal solutions for the multi-objective economic lot-sizing problem <i>Wilco van den Heuvel, H. Edwin Romeijn, Dolores Romero Morales, Albert P.M. Wagelmans</i>
	The economic lot sizing problem with lost sales and bounded inventory <i>Hark-Chin Hwang, Wilco van den Heuvel, Albert P.M. Wagelmans</i>
	A holding cost bound and a new heuristic for the economic lot-sizing problem <i>Wilco van den Heuvel, Albert P.M. Wagelmans</i>
16:10-16:40	Coffee Break
16:40-18:00	The economic lot-sizing problem with an emission constraint <i>Mathijn Retel Helmrich, Wilco van den Heuvel, Albert Wagelmans, Raf Jans</i>
	Analysis of Green Lot-Sizing Problems <i>Nabil Absi, Stephane Dauzere-Peres, Safia Kedad-Sidhoum, Bernard Penz, Christophe Rapine</i>
	Thursday, August 25
8:30-9:50	A maritime inventory routing problem <i>Agostinho Agra, Henrik Andersson, Marielle Christiansen, Laurence Wolsey</i>
	A Fixed-charge transportation view for solving big-bucket multi-item lot-sizing <i>Mathieu Van Vyve</i>
9:50-10:20	Coffee Break
10:20-12:20	Improvements of an integrated approach for lot-sizing and detailed scheduling <i>Edwin Gomez, Riad Aggoune, Stephane Dauzere-Peres</i>
	The block planning approach for continuous time based lot sizing and scheduling: A change of paradigm? <i>Hans-Otto Günther</i>
	Combining the principles of Variable Neighborhood Decomposition Search and Fix&Optimize heuristic to solve multi-level lot-sizing and scheduling problems <i>Florian Seeanner, Bernardo Almada-Lobo, Herbert Meyr</i>
12:20-14:00	Lunch
14:00-15:20	Dynamic Probabilistic Lot-Sizing with Service Levels <i>S., Goel and Simge Küçükyavuz</i>
	Dynamic capacitated lot sizing with random demand subject to a backlog/waiting-time oriented d-service level measure <i>Stefan Helber, Florian Sahling, Katja Schimmelpfeng</i>
15:20-15:50	Coffee Break
15:50-17:10	Primal and dual bounds for long-horizon lot size problems with tight capacity constraints <i>Silvio Araujo, Bert De Reyck, Zeger Degraeve, Ioannis Fragkos, Raf Jans</i>
	The impact of modeling on robust inventory management under demand uncertainty <i>Oğuz Solyalı, Jean-François Cordeau, Gilbert Laporte</i>

	Friday, August 26
8:30-9:00	Discussion: Next meeting
9:00-11:00	Multilevel capacitated lot sizing and scheduling: A model overview and comparison <i>Renate Traxler and Christian Almeder</i>
	A polynomial time algorithm for the multi-stage lot-sizing problem with production capacities <i>Hark-Chin Hwang, Hyun-soo Ahn, Kaminsky Philip</i>
	New Algorithms and New Questions for the Multiple Stage Lot Sizing Problem <i>Natalie Simpson</i>
11:00-11:30	Coffee Break
11:30-12:50	Economic Lot Sizing Problem with Production Capacities and Perishable Items <i>Mehmet Onal, H. Edwin Romeijn, Wilco van den Heuvel</i>
	Integrating Lot Sizing and Scheduling with the Vehicle Routing Problem: A special look into perishable products <i>Anderson Meneses, Pedro Amorim, Bernardo Almada-Lobo, Christian Almeder</i>
12:50-14:30	Lunch