Program International Workshop on Lot Sizing 2012

Time	Sunday, August 26, 2012
19:00-21:30	**Welcome Dinner:** Restaurant Biblio (Van Vollenhovenstraat 15C, Rotterdam)

	Monday, August 27
8:30-9:00	Welcome and Registration
9:00-9:30	Opening Session
9:30-10:50	Incorporating Consumer Purchasing Behaviour on the Production Planning of Food Goods **Pedro Amorim**, Gonçalo Figueira, Alysson Costa and Bernardo Almada-Lobo
	A new heuristic for the non-stationary (s, S) policy **Onur A. Kılıç** and S. Armağan Tarım
10:50-11:20	Coffee Break
11:20-12:40	The Horizon Decomposition Approach for Capacity Constrained Lot Size Problems with Setup Times **Ioannis Fragkos**, Zeger Degraeve and Bert De Reyck
	Extending a Math-heuristic for Capacitated Lot Sizing towards a Hierarchical Solution Approach Marco Caserta and **Stefan Voß**
12:40-13:40	Lunch
13:40-15:40	An iterative two-phase heuristic approach for the Production Routing Problem **Nabil Absi**, Claudia Archetti, Stéphane Dauzère-Pérès and Dominique Feillet
	A Study of Integrated Lot Sizing and Cutting Stock Models for a Furniture Plant **Silvio A. de Araujo**, Socorro Rangel and Matheus Vanzela
	Integrated non-increasing capacitated lot sizing problem and preventive maintenance **Fahimeh Shamsaei** and Mathieu Van Vyve
15:40-16:10	Coffee Break
16:10-17:30	Capacitated lot sizing problem with inventory bounds **Ayse Akbalik**, Bernard Penz and Christophe Rapine
	The Capacitated Lot-Sizing Problem with Piecewise Concave Production Costs **Esra Koca**, Hande Yaman and M. Selim Akturk
17:30-18:30	Drinks

Time	Tuesday, August 28
9:00-10:20	Two-Period Convex Hull Closures for Big Bucket Lotsizing Problems **Kerem Akartunalı** and Andrew J. Miller
	Relaxations for two-level multi-item lot-sizing problem **Mathieu Van Vyve**, Laurence A. Wolsey and Hande Yaman
10:20-10:50	Coffee Break
10:50-12:50	Semidefinite relaxation of the DLSP with sequence-dependent changeover costs **Céline Gicquel**, Abdel Lisser and Michel Minoux
	An Integrated Approach for Solving Multi-Level Lot-Sizing and Scheduling Problems with Detailed Capacity Constraints Edwin David Gómez Urrutia, Riad Aggoune and **Stéphane Dauzère-Pérès**
	Modeling approaches to sequence dependent setups in lotsizing and scheduling **Luis Guimarães**, Diego Klabjan and Bernardo Almada-Lobo
12:50-13:50	Lunch
13:50-15:10	Complexity results for the single item uncapacitated lot-sizing problem with time-dependent batch sizes Ayse Akbalik and **Christophe Rapine**
	Lot-sizing with minimum batch sizes **Mathijn J. Retel Helmrich**, Wilco van den Heuvel, Raf Jans and Albert P.M. Wagelmans
15:30-16:30	Social event
17:00-18:00	Drinks
18:30-21:30	**Conference dinner:** Restaurant Dewi Sri (Westerkade 20, Rotterdam)

Time	Wednesday, August 29
9:00-9:30	Discussion: Next meeting
9:30-10:50	Dynamic capacitated lot-sizing with parallel common setup operators **Karina Copil** and Horst Tempelmeier
	First Results on Multi-Level Capacitated Lot-Sizing in Closed-Loop Supply Chains **Florian Sahling** and Kristina Burmeister
10:50-11:20	Coffee Break
11:20-12:40	Linear programming models for the stochastic dynamic capacitated lot sizing problem **Timo Hilger** and Horst Tempelmeier
	Static-Dynamic Uncertainty Strategy for a Single-Item Stochastic Inventory Control Problem **Ulaş Özen**, Mustafa K. Doğru and S. Armağan Tarım
12:40-13:40	Lunch
13:40-15:00	Effective Network Models for the Two-Level Serial Lot Sizing Problems Meltem Denizel, **Oğuz Solyalı** and Haldun Süral
	A Single Phase Dynamic Program with Independent Production Decision for Production-Capacitated Two- and Multi-Stage Lot-Sizing Problems **Hark-Chin Hwang**, Hyun-soo Ahn and Philip Kaminsky
15:00-15:30	Coffee Break
15:30-16:50	The Single-Item Green Lot-Sizing Problem with Fixed Carbon Emissions Nabil Absi, Stéphane Dauzère-Pérès, **Safia Kedad-Sidhoum**, Bernard Penz and Christophe Rapine
	Bi-objective Economic Lot-Sizing models Wilco van den Heuvel, Edwin Romeijn and **Dolores Romero Morales**
16:50-17:50	Drinks