Detailed Program

		26 of August	27 of August	28 of August	29 of August
9:30	10:00		Opening Session	Inventory / Production Routing	Complexity / Approximability
10:00	10:30		Game Theory		
10:30	11:00				
11:00	11:30		Coffee Break	Coffee Break	Coffee Break
11:30	12:00		Lot Sizing and Extensions	Algorithms / Heuristics	Sustainability
12:00	12:30				
12:30	13:00				
13:00	13:30		Lunch	Lunch	Closing Session
13:30	14:00				
14:00	14:30				
14:30	15:00		Stochastic Lot Sizing	Models	
15:00	15:30				
15:30	16:00				
16:00	16:30		Coffee Break	Coffee Break	
16:30	17:00		Future Perspectives	Business Meeting	
17:00	17:30				
17:30	18:00				
18:00	18:30				
18:30	19:00				
19:00	19:30	Welcome Drink and Dinner	Tram Tour + Downtown Dinner	Porto Cellars + Riverside Dinner	
19:30	20:00				
20:00	20:30				
20:30	21:00				
21:00	21:30				
21:30	22:00				

Tuesday, 26 August

Welcome Drink and Dinner

19:00 – 22:00 The Welcome Drink and Dinner will be held in the restaurant Casa Agrícola that is located next to the conference venue at Rua Bom Sucesso 241, 4150-150 Porto.

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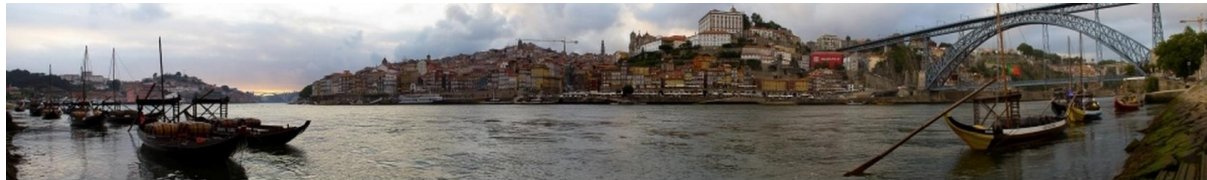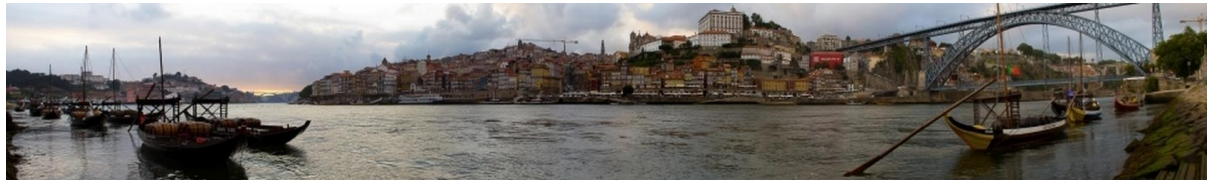
August 27th - 29th, 2014 Porto, Portugal

Wednesday, 27 August

09:30 – 10:00	**Opening Session**
10:00 – 11:00	**Game Theory** 1. Benders Decomposition applied to cooperative lot-sizing, *Andreas Elias &* ***Alf Kimms*** 2. Competitive uncapacitated lot-sizing game, *Margarida Carvalho, Claudio Telha & Mathieu Van Vyve*
11:00 – 11:30	**Coffee Break**
11:30 – 13:00	**Lot Sizing and Extensions** 1. Simultaneous lotsizing and scheduling with scarce setup resources and multiple setups per period, *Karina Copil &* ***Horst Tempelmeier*** 2. Integration of Lot-Sizing and Scheduling Decisions, *Gómez Urrutia, Edwin David, Riad Aggoune & Stéphane Dauzère-Pérès* 3. An integrated lot sizing and vehicle routing model for fast deteriorating products, *Tom Vogel, Christian Almeder & Pamela C. Nolz*
13:00 – 14:30	**Lunch**
14:30 – 16:00	**Stochastic Lot Sizing** 1. On robust vs. flexible dynamic lot sizing subject to capacity constraints and random yield, ***Stefan Helber***, *Florian Sahling & Katja Schimmelpfeng* 2. Extended formulations for static-dynamic uncertainty strategy under various service level measures, *Huseyin Tunc & Onur A. Kilic, & S. Armagan Tarim* 3. A joint chance-constraint programming approach for a stochastic lot-sizing problem, *Céline Gicquel, Jianqiang Cheng & Abdel Lisser*
16:00 – 16:30	**Coffee Break**
16:30 – 17:30	**Future Perspectives** A roundtable on "the Futures perspectives on Lot-Sizing", where the forthcoming challenges and opportunities will be discussed, ***Bernardo Almada-Lobo***, *Horst Tempelmeier, Stéphane Dauzère-Pérès & Albert Wagelmans*
19:00 – 22:00	**Tram Tour + Downtown Dinner** Downtown Dinner at restaurant Clérigos that is located at Rua das Carmelitas 151, 4050-367 Porto.

IWLS 2014

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Thursday, 28 August

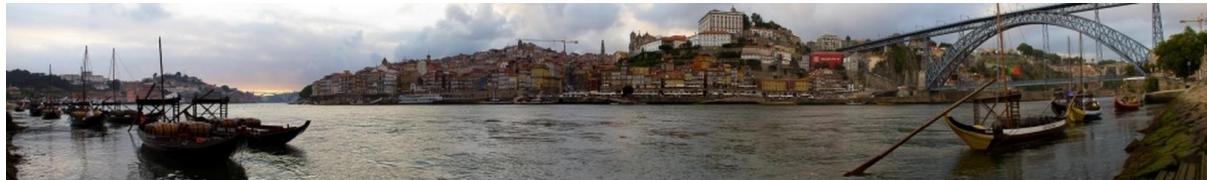|	
09:30 – 11:00	**Inventory / Production Routing** 1. A maritime inventory routing problem with stochastic travelling times, *Agostinho Agra, Marielle Christiansen, Alexandrino Delgado & Lars Magnus Hvattum* 2. An a priori tour-based three phase heuristic for the production-routing problem, *Ouguz Solyali,* **Haldun Sural***, Jean-François Cordeau & Raf Jans* 3. New cutting planes for inventory routing, *Pasquale Avella, Maurizio Boccia & Laurence Wolsey*
11:00 – 11:30	**Coffee Break**
11:30 – 13:00	**Algorithms / Heuristics** 1. Worst case analysis of relax-and-fix heuristics for lot-sizing problems, *Nabil Absi* & **Wilco van den Heuvel** 2. Two neighborhood search approaches for the dynamic capacitated lotsizing problem with scarce setup resources, *Sascha Duerkop, Dirk Briskorn & Horst Tempelmeier* 3. Towards a Universal Solver for Lot Sizing Problems, *Rui Rei & João Pedro Pedroso*
13:00 – 14:30	**Lunch**
14:30 – 16:00	**Models** 1. Capacity estimation based on clearing functions for the capacitated lot-sizing problem, *Frank Herrmann, Frederick Lange &* **Christian Almeder** 2. The Dynamic Lot-sizing Problem with Convex Economic Production Costs and Setups, *Ramez Kian, Ulku Gurler & Emre Guberk* 3. The capacitated lot sizing problem with setup carryover and splitting, *Hacer Guner Goren*
16:00 – 16:30	**Coffee Break**
16:30 – 17:30	**Business Meeting** Typical business meeting, where the action plan of the EWG LOT among other topics will be discussed, *Christian Almeder, Raf Jans & Wilco van den Heuvel*
19:00 – 22:00	**Porto Cellars + Riversides Dinner** The Riverside Dinner is at restaurant Porto Cruz that is located at Largo Miguel Bombarda 23, 4400 - 222 Vila Nova de Gaia.

Friday, 29 August

09:30 – 11:00	**Complexity / Approximability** 1. New results on the lot sizing problem with multi-mode replenishment, *Ayse Akbalik & Christophe Rapine* 2. A computational study of the local cuts from two-period convex hull closures for big-bucket lot-sizing problems, *Ioannis Fragkos & **Kerem Akartunali*** 3. A Theoretical and Computational Study of Two-Period Relaxations for Lot-Sizing Problems with Big Bucket Capacities, *Mahdi Doostmohammadi & Kerem Akartunali*
11:00 – 11:30	**Coffee Break**
11:30 – 13:00	**Sustainability** 1. Capacitated lot sizing with product substitution in closed-loop supply chains, *Kristina Burmeister & Florian Sahling* 2. Bi-Level Lot-Sizing Problems with Reusable By-Products, *Mehdi Rowshannahad, Nabil Absi, **Stéphane Dauzère-Pérès** & Bernard Cassini* 3. Stochastic capacitated lot sizing in closed-loop supply chains, *Timo Hilger, Florian Sahling & Horst Tempelmeier*
13:00 – 13:30	**Closing Session**

*Session chairs are in bold.