

MISTA 2015 Programme

Multidisciplinary International Conference on Scheduling : Theory and Applications (MISTA 2015), 25th - 28th August 2015, Prague, Czech Republic

Tuesday 25th August 2015

Opening and Welcome (08:45 - 09:00): Bohemia II

Plenary (09:00 - 10:00): Bohemia II (Chair: Graham Kendall)

Hana Rudová

University course timetabling: From theory to practice

Coffee/Tea (10:00 - 10:30)

Session S1 (10:30 - 12:50)

S1-A : Theoretical Scheduling I (Bohemia II) (Session Chair: Presenter of Paper 056)

10:30	10:50	(039) A dynamic model of task processing for scheduling problems without additional resources, Gorczyca M., Janiak A. and Lichtenstein M.	Of Interest to Me?
10:50	11:10	(127) A branch-and-reduce exact algorithm for the single machine total tardiness problem, Della Croce F., Garraffa M., Shang L. and T'Kindt V.	Of Interest to Me?
11:10	11:30	(147) The polynomial solvability of a bicriteria linear combination on parallel identical machines with release dates, Balasubramanian H., Fowler J. and Keha A.	Of Interest to Me?
11:30	11:50	(017) Online and semi-online scheduling of two job types on a set of multipurpose machines, Karhi S. and Shabtay D.	Of Interest to Me?
11:50	12:10	(056) Structural properties of an open problem in preemptive scheduling, Chen B., Coffman E., Dereniowski D. and Kubiak W.	Of Interest to Me?
12:10	12:30	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?
12:30	12:50	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

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S1-B : Project Scheduling (Moravia III) (Session Chair: Presenter of Paper 012)

10:30	10:50	(139) Robustness of Partial Order Schedules: Understanding the Chaining algorithm, Wilmer D. and Klos T.	Of Interest to Me?
10:50	11:10	(095) Multimode Time-Constrained Scheduling Problems with Generalized Temporal Constraints and Labor Skills, Borreguero Sanchidrián T., Artigues C., Sánchez A.G., Mier M.O. and Lopez P.	Of Interest to Me?
11:10	11:30	(058) Lower bounds for Scheduling Problems with production and consumption of resources, Sahli A., Carlier J. and Moukrim A.	Of Interest to Me?
11:30	11:50	(025) Robust multi-mode resource constrained project scheduling of building deconstruction under uncertainty, Volk R., Hübner F. and Schultmann F.	Of Interest to Me?
11:50	12:10	(148) LAHC applied to The Multi-Mode Resource-Constrained Multi-Project Scheduling Problem, Soares J.A., Santos H.G., Baltar D.D. and Toffolo T.A.M.	Of Interest to Me?
12:10	12:30	(012) Exact and heuristic methods for trading-off makespan and stability in stochastic project scheduling, Mountakis S., Klos T, Witteveen C. and Huisman B.	Of Interest to Me?
12:30	12:50	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

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S1-C : Job Shop, Flow Shop and Open Shop I (Moravia II) (Session Chair: Presenter of Paper 093)

10:30	10:50	(033) Approaches to modeling job-shop problems with blocking constraints, Lange J.	Of Interest to Me?
10:50	11:10	(019) The two-machine flowshop total completion time problem: A branch-and-bound based on Network-flow formulation, Detienne B., Sadykov R. and Tanaka S.	Of Interest to Me?
11:10	11:30	(138) Minimizing regular criteria in the flexible job-shop scheduling problem, García-León A., Dauzère-Pérès S. and Mati Y.	Of Interest to Me?
11:30	11:50	(010) Ant Colony Optimisation for a Job Shop with Flexible Maintenance, Struijker Boudier I., Glazebrook K., Wright M. and Jennings P.	Of Interest to Me?
11:50	12:10	(074) An exponential dynamic programming algorithm for the 3-machine flowshop scheduling problem to minimize the makespan, Shang L., Lente C., Liedloff M. and T'Kindt V.	Of Interest to Me?
12:10	12:30	(093) Scheduling Jobs in a Two-Stage Flexible Flow Shop with Batch Processing Machines, Tan Y., Mönch L. and Fowler J.	Of Interest to Me?
12:30	12:50	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

Lunch (12:50 - 14:00)

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Session S2 (14:00 - 15:40)

S2-A : Production Scheduling I (Bohemia II) (Session Chair: Presenter of Paper 108)

14:00	14:20	(145) Scheduling of jobs in the continuous casting stage of steel production, Herr O. and Goel A.	Of Interest to Me?
14:20	14:40	(144) Variable Neighborhood Search for a Rich Production Planning Problem, Schilde M., Schneeberger K. and Doerner K.	Of Interest to Me?
14:40	15:00	(122) Shortest k-unit Cycle in a Multiple Part-Type Robotic Cell, Akhlaghi V.E., Gultekin H. and Coban B.	Of Interest to Me?
15:00	15:20	(108) Resource Failure Recovery in Production Scheduling, Barták R. and Vlk M.	Of Interest to Me?
15:20	15:40	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

S2-B : Transportation and Routing I (Moravia III) (Session Chair: Presenter of Paper 069)

14:00	14:20	(045) A constructive heuristic to reduce costs on an integrated production-distribution environment, Tavares-Neto R.F. and Ogawa M.A.	Of Interest to Me?
14:20	14:40	(036) Single Track Train Scheduling, Harbering J., Ranade A. and Schmidt M.	Of Interest to Me?
14:40	15:00	(062) Integrated production and outbound distribution scheduling problem with setup times and delivery time windows, Fu L., Aloulou M.A. and Triki C.	Of Interest to Me?
15:00	15:20	(068) An optimization-based approach for delivering radio-pharmaceuticals to medical imaging centers, Akrotirianakis I. and Chakraborty A.	Of Interest to Me?
15:20	15:40	(069) Reliability Oriented DARP Models Involving Autonomous Vehicles, Pimenta V., Quilliot A., Toussaint H. and Vigo D.	Of Interest to Me?

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S2-C : Preventitive Maintenance (Moravia II) (Session Chair: Presenter of Paper 130)

14:00	14:20	(084) Scheduling preventive railway maintenance activities with resource constraints, Macedo R., Benmansour R., Urosevic D., Artiba A. and Mladenovic N.	Of Interest to Me?
14:20	14:40	(067) Iterated Local Search for the Generator Maintenance Scheduling Problem, Almakhlafi A. and Knowles J.	Of Interest to Me?
14:40	15:00	(004) Investigating Scheduling models for Power Plant Preventive Maintenance using Genetic Algorithm, Prajapat N., Hutabarat W., Tiwari A. and Pattacini M.	Of Interest to Me?
15:00	15:20	(142) Heuristic Methods for Single Machine Scheduling with Periodic Maintenance, Perez-Gonzalez P., Dios M., Fernandez-Viagas V. and Framinan J.M.	Of Interest to Me?
15:20	15:40	(130) Maintenance planning in a stochastic job shop, Van Den Akker M., Hoogeveen H. and Lukkien J.	Of Interest to Me?

Coffee/Tea (15:40 - 16:00)

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Session S3 (16:00 - 17:20)

S3-A : Educational Timetabling I (Bohemia II) (Session Chair: Presenter of Paper 158)

16:00	16:20	(008) A Heuristic for Curriculum-Based Course Timetabling, Lindahl M., Sørensen M. and Stidsen T.	Of Interest to Me?
16:20	16:40	(159) Bacteria Swarm Optimisation Approach for Enrolment-Based Course Timetabling Problems, Shaker K., Abdullah S. and Alquads A.	Of Interest to Me?
16:40	17:00	(134) University Course Timetabling with Conflict Minimization and Elective Courses - A Decomposition-Based Approach to a Real-Life Case, Althaus E. and Muttray U.	Of Interest to Me?
17:00	17:20	(158) Thesis Defense Timetabling, Battistutta M., Ceschia S., De Cesco F. and Schaerf A.	Of Interest to Me?

S3-B : Job Shop, Flow Shop and Open Shop II (Moravia III) (Session Chair: Presenter of Paper 007)

16:00	16:20	(088) Scheduling Complex Job-Shops using Batch Oblivious Disjunctive Graphs A Scheduling Approach for the Diffusion and Cleaning Area in Semiconductor Manufacturing, Knopp S., Dauzere-Pérès S. and Yugma C.	Of Interest to Me?
16:20	16:40	(072) Family Scheduling in Flow Shop Manufacturing Systems with Batch Availability, Shen L. and Gupta J.N.D.	Of Interest to Me?
16:40	17:00	(007) Strategic Idling and Dynamic Scheduling in Open-Shop Service Network: Case Study and Analysis, Baron O., Berman O., Krass D. and Wang J.	Of Interest to Me?
17:00	17:20	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

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S3-C : Healthcare I (Moravia II) (Session Chair: Presenter of Paper 135)

16:00	16:20	(076) Nurse Rostering Problem: Tighter Upper Bound for Pricing Problem in Branch and Price Approach, Novák A., Vaclavik R., Sucha P. and Hanzalek Z.	Of Interest to Me?
16:20	16:40	(140) Multi-level Benders Decomposition for Multi-modal Outpatient Scheduling in Hospitals, Riise A., Lamorgese L. and Mannino C.	Of Interest to Me?
16:40	17:00	(059) "Floating Patients" method based on Scheduling algorithm for emergency department's service improvement, Wachtel G. and Elalouf A.	Of Interest to Me?
17:00	17:20	(135) A Hybrid Constraint Integer Programming Approach to Solve Nurse Scheduling Problems, Rahimian E., Akartunali K. and Levine J.	Of Interest to Me?

Conference Reception (Boat Cruise)

More details will be provided at the conference

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Wednesday 26th August 2015

Plenary (09:00 - 10:00): Bohemia II (Chair: Přemysl Šůcha)
Martin Skutella

LP-based algorithms for scheduling unrelated parallel machines

Coffee/Tea (10:00 - 10:30)

Session S4 (10:30 - 12:50)

S4-A : Theoretical Scheduling II (Bohemia II) (Session Chair: Presenter of Paper 070)

10:30	10:50	(118) Mixed-criticality scheduling with known probabilities, Seddik Y. and Hanzalek Z.	Of Interest to Me?
10:50	11:10	(018) The resource dependent assignment problem with a convex assignment cost function and its relation to scheduling with controllable processing times, Shabtay D., Yedidsion L. and Lisovoy A.	Of Interest to Me?
11:10	11:30	(132) Lower bounds for the parallel processing scheduling problem with multiprocessor tasks, release date and delivery time, Hidri L., Ben Youssef B. and Gazdar A.	Of Interest to Me?
11:30	11:50	(092) Single machine scheduling: finding the Pareto Set for jobs with equal processing times with respect to criteria L_{max} and C_{max} , Lazarev A., Arkhipov D. and Werner F.	Of Interest to Me?
11:50	12:10	(011) Complexity of minimizing the total flow time on parallel machines with interval data and minmax regret criterion, Drwal M.	Of Interest to Me?
12:10	12:30	(070) A general technique for improving the complexity of FPTAS for scheduling problems, Levner E. and Elalouf A.	Of Interest to Me?
12:30	12:50	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

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S4-B : General Scheduling I (Moravia III) (Session Chair: Presenter of Paper 066)

10:30	10:50	(083) Scheduling with incompatible jobs: model and algorithms, Menezes G.C., Mateus G.R. and Ravetti M.G.	Of Interest to Me?
10:50	11:10	(152) Tropical optimization problems in project scheduling, Krivulin N.	Of Interest to Me?
11:10	11:30	(003) A Probabilistic Constrained Approach for Unrelated Parallel Machine Scheduling, Adasme P., Leung J. and Lisser A.	Of Interest to Me?
11:30	11:50	(160) Scheduling Time Variant Jobs on a Time Variant Resource, Horn G.	Of Interest to Me?
11:50	12:10	(136) Packing-based approaches for a discrete malleable task scheduling problem, Braune R.	Of Interest to Me?
12:10	12:30	(066) A Decomposition Heuristic for a Bicriteria Evacuation Scheduling Problem, Deghdak K. and T'Kindt V.	Of Interest to Me?
12:30	12:50	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

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S4-C : Pot Luck I (Moravia II) (Session Chair: Presenter of Paper 161)

10:30	10:50	(077) A framework of constructive heuristics for permutation-type scheduling problems, Fernandez-Viagas V., Dios M., Perez-Gonzalez P. and Framinan J.M.	Of Interest to Me?
10:50	11:10	(100) SAILS: Hybrid Algorithm for the Team Orienteering Problem with Time Windows, Gunawan A., Lau H.C. and Lu K.	Of Interest to Me?
11:10	11:30	(098) On Task Scheduling Policies for Work-Stealing Schedulers, Adriaensen S., Fathy Y. and Nowe A.	Of Interest to Me?
11:30	11:50	(172) A biased random-key genetic algorithm for scheduling divisible loads, Brandao J.S., Noronha T.F., Resende M.G.C. and Ribeiro C.C.	Of Interest to Me?
11:50	12:10	(073) Three approaches to solving the problem of cosmonauts' training planning, Bronnikov S., Gushchina V., Lazarev A., Morozov N., Sologub A. and Yadrentsev D.	Of Interest to Me?
12:10	12:30	(161) Time-based Decomposition Strategies for the Traveling Umpire Problem, Toffolo T.A.M., Wauters T. and Vanden Berghe G.	Of Interest to Me?
12:30	12:50	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

Lunch (12:50 - 14:00)

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Session S5 (14:00 - 15:40)

S5-A : Production Scheduling II (Bohemia II) (Session Chair: Presenter of Paper 090)

14:00	14:20	(078) Manufacturing Scheduling Systems: What are they made of?, Dios M., Fernandez-Viagas V., Perez-Gonzalez P. and Framinan J.M.	Of Interest to Me?
14:20	14:40	(051) The Discrete Parallel Machine Makespan Scheduling-Location Problem, Heßler C. and Deghdak K.	Of Interest to Me?
14:40	15:00	(041) Production Scheduling Based on Order Utility Functions, Mauergauz Y.	Of Interest to Me?
15:00	15:20	(027) Continuous Time Model for Scheduling Operations in Cascaded Continuous Processing Units with Multiple Due Dates, Bhattacharya S. and Bose S.K.	Of Interest to Me?
15:20	15:40	(090) The Intermittent Traveling Salesman Problem, Pham S. and De Causmaecker P.	Of Interest to Me?

S5-B : Real World Scheduling (Moravia III) (Session Chair: Presenter of Paper 113)

14:00	14:20	(047) A GRASP based approach to dynamic scheduling of parallel heat treatment furnaces in a manufacturing company, Baykasoglu A. and Ozsoydan F.B.	Of Interest to Me?
14:20	14:40	(032) Scheduling optimization of a real flexible job shop including side constraints regarding maintenance, fixtures, and night shifts, Thörnblad K., Strömberg A-B., Patriksson M. and Almgren T.	Of Interest to Me?
14:40	15:00	(015) Scheduling the operation of a phosphate pipeline for OCP: A Case Study, Van Marcke K. and Ali O.	Of Interest to Me?
15:00	15:20	(170) Multi-objective energy-aware scheduling, Van Den Dooren D., Sys T., Wauters T. and Vanden Berghe G.	Of Interest to Me?
15:20	15:40	(113) Simulation Based Cause and Effect analysis of Input Variables in Wafer Fabrication, Singh R. and Mathirajan M.	Of Interest to Me?

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S5-C : Personnel/Staff Rostering I (Moravia II) (Session Chair: Presenter of Paper 115)

14:00	14:20	(055) A heuristic procedure to proactively increase employee substitutability and personnel roster robustness, Ingels J. and Maenhout B.	Of Interest to Me?
14:20	14:40	(060) Fairness in employee scheduling, Stockwell-Alpert E. and Chung C.	Of Interest to Me?
14:40	15:00	(173) A Greedy-based Heuristic for Shift Minimization Personnel Task Scheduling Problem, Hojati M.	Of Interest to Me?
15:00	15:20	(165) Variable neighbourhood search for rich personnel rostering problems, Smet P. and Vanden Berghe G.	Of Interest to Me?
15:20	15:40	(115) Optimisation of Staff Absences, Klöcker C., Ostler J. and Wilke P.	Of Interest to Me?

Coffee/Tea (15:40 - 16:00)

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Session S6 (16:00 - 17:20)

S6-A : Educational Timetabling II (Bohemia II) (Session Chair: Presenter of Paper 110)

16:00	16:20	(119) Student Scheduling Problem At Universite de Technologie de Compiègne, Arbaoui T., Azouni A., Boufflet J-P. and Moukrim A.	Of Interest to Me?
16:20	16:40	(121) Solving Huge Real-World Timetabling Instances, Lach G., Lach M. and Zorn E.	Of Interest to Me?
16:40	17:00	(110) An IP-based model for the post enrollment-based course timetabling problem at TU Berlin, Höner J., Lach G. and Zorn E.	Of Interest to Me?
17:00	17:20	(099) Improving Upper Bounds in High School Timetabling by Matheuristics, Fonseca G.H.G., Santos H.G. and Carrano E.G.	Of Interest to Me?

S6-B : Crane Scheduling (Moravia III) (Session Chair: Presenter of Paper 081)

16:00	16:20	(044) An Efficient Simulated Annealing for the Integrated Problem of Berth Allocation and Quay Crane Assignment in Seaside Container Terminals, Nourmohammadzadeh A. and Hartmann S.	Of Interest to Me?
16:20	16:40	(081) How to Unload Bulk Carriers Quickly? Mathematical Models to Identify Efficient Loading Patterns, Ackermann H., Küfer K-H., Leithäuser N., Meyer A. and Velten S.	Of Interest to Me?
16:40	17:00	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?
17:00	17:20	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

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S6-C : Healthcare II (Moravia II) Session Chair: Presenter of Paper 105)

16:00	16:20	(171) Home Health Care Scheduling: A Case Study, Yuan Z. and Fuegenschuh A.	Of Interest to Me?
16:20	16:40	(102) Cross-training performance of nurse scheduling with the learning effect, Akhavizadegan F., Tavakkoli-Moghaddam R., Jolai F. and Ansarifar J.	Of Interest to Me?
16:40	17:00	(105) Appointment scheduling in hospitals Sequencing and scheduling using timeaggregation, Kirchner S. and Lübbecke M.	Of Interest to Me?
17:00	17:20	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

Conference Banquet

More details will be provided at the conference

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Thursday 27th August 2015

Plenary (09:00 - 10:00): Bohemia II (Chair: Zdenek Hanzalek)

Johann Hurink

Scheduling for Decentralized Energy Management

Coffee/Tea (10:00 - 10:30)

Session S7 (10:30 - 12:50)

S7-A : Personnel/Staff Rostering II (Bohemia II) (Session Chair: Presenter of Paper 054)

10:30	10:50	(163) A lexicographic goal programming approach for staff assignment with acceptance levels, Rihm T. and Baumann P.	Of Interest to Me?
10:50	11:10	(094) Modeling Uncertainty in Vessel Crew Scheduling, Sucu S., Leggate A., Akartunalı K. and Van Der Meer R.	Of Interest to Me?
11:10	11:30	(009) Solving the staff scheduling problem in a retail company, Fernandes P. and Barbosa A.	Of Interest to Me?
11:30	11:50	(054) A heuristic procedure for the personnel task re-scheduling problem, Maenhout B., Burgelman J. and Vanhoucke M.	Of Interest to Me?

S7-A (Tutorial) : Vector Space Decomposition for Linear Programs and Network Flow Problems (Bohemia II) (Session Chair: Jacques Desrosiers)

11:50	12:50	Note - This tutorial is given in place of the following paper: (042) Vector space decomposition for linear programming, Desrosiers J., Gauthier J.B. and Lübbecke M.E.	Of Interest to Me?
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S7-B : General Scheduling II (Moravia III) (Session Chair: Presenter of Paper 150)

10:30	10:50	(131) Bounding schemes for the parallel processors scheduling problem with release date, delivery time and with no-idle time constraint, Hidri L. and Gazdar A.	Of Interest to Me?
10:50	11:10	(109) Modeling the single-processor scheduling problem with time restrictions as a parallel machine scheduling problem, Benmansour R., Braun O. and Allaoui H.	Of Interest to Me?
11:10	11:30	(097) Using Adaptive Large Neighborhood Search to Solve Parallel Machine Scheduling Problems with Dedications and Unequal Ready Times of the Jobs, Herding R. and Mönch L.	Of Interest to Me?
11:30	11:50	(006) An efficient simulated annealing for two-agent scheduling with exponential job-dependent position-based learning consideration, Choi J.Y.	Of Interest to Me?
11:50	12:10	(096) Multiprocessor Scheduling with Inserted Idle Time to Minimize the Maximum Lateness, Grigoreva N.S.	Of Interest to Me?
12:10	12:30	(168) A Hybrid Swarm Algorithm for Post Enrollment Course Timetabling, Fong C-W., Asmuni H., Lam W-S., McCollum B., McMullan P. and Kendall G.	Of Interest to Me?
12:30	12:50	(150) A novel Approximate/Exact objective based search technique for precedence constrained scheduling problems, Kozik A. and Rudek R.	Of Interest to Me?

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S7-C : Pot Luck II (Moravia II) (Session Chair: Presenter of Paper 174)

10:30	10:50	(133) Budgeted Internet Shopping Optimization Problem (B-ISOP), Marszałkowski J.	Of Interest to Me?
10:50	11:10	(057) Solving resource constrained shortest path problems with branch-and-cut, Horváth M. and Kis T.	Of Interest to Me?
11:10	11:30	(013) Optimal schedule of a statistical process control with a nonlinear expected loss, Glizer V.Y. and Turetsky V.	Of Interest to Me?
11:30	11:50	(174) The Optimisation of a Stagger Chart for Aviation Fleet Planning, Weedon R, Ahmadi S. and Critchley M.	Of Interest to Me?

S7-C Nurse Rostering Competition (Presentations) (Bohemia II) (Session Chairs: Patrick De Causmaecker, Andrea Schaerf, Stefaan Haspeslagh, Nguyen Thi Thanh Dang and Sara Ceschia)

11:50	12:50	Nurse Rostering Competition (Presentations)	Of Interest to Me?
		The seven finalists are shown below, in no particular order. Not all may present.	
	1	Ahmed Kheiri, UK	
	2	Hust.Smart, Zhouxing Su, Zhuo Wang, Zhipeng Lü, Laboratory of Smart Computing and Optimization, School of Computer Science and Technology, Huazhong University of Science and Technology, Wuhan 430074, P.R. China.	
	3	NurseOptimizers, Michael Römer, Taieb Mellouli, Institute of Business Information Systems and Operations Research, Martin Luther University Halle-Wittenberg	
	4	ORTEC, Hujin Jin, Gerhard Post, Egbert van der Veen, ORTEC	
	5	Polytechnique Montreal, Legrain Antoine, Omer Jérémy, Rosat Samuel, Polytechnique Montreal	
	6	ThreeJohns, Tassopoulos X. Ioannis, Solos P. Ioannis, Beligiannis N. Grigorios, University of Patras, Greece	
	7	LabGOL, Federica Picca Nicolino, Francesco Bagattini, Luca Bravi, Niccolò Bulgarini, Alessandro Galligari, Fabio Schoen, Università degli Studi di Firenze, Italy	

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Lunch (12:50 - 14:00)

Session S8 (14:00 - 15:40)

S8-A : Energy Aware Scheduling (Bohemia II) (Session Chair: Presenter of Paper 086)

14:00	14:20	(038) An Optimization Framework for Job-shop with Energy Threshold Issue with Consideration of Machining Operations with Consumption Peaks, Kemmoé-Tchomté S., Lamy D. and Tchernev N.	Of Interest to Me?
14:20	14:40	(043) Energy Consumption in Single- and Multi-installment Divisible Loads Processing in Systems with Hierarchical Memory, Marszałkowski J. and Drozdowski M.	Of Interest to Me?
14:40	15:00	(052) A new lower bound for optimisation of energy consumption of robotic cells, Bukata L., Sucha P. and Hanzalek Z.	Of Interest to Me?
15:00	15:20	(086) A mass-flow MILP formulation for energy-efficient supplying in assembly lines, Mugerza M., Briand C., Jozefowicz N., Ngueveu S.U., Rodriguez V. and Moris M.U.	Of Interest to Me?
15:20	15:40	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

S8-B : Transportation and Routing II (Moravia III) (Session Chair: Presenter of Paper 106)

14:00	14:20	(116) Primal Heuristics for the Vehicle Routing Problem with Synchronized Visits, Afifi S. and Moukrim A.	Of Interest to Me?
14:20	14:40	(106) A Fixed Route Dial-a-Ride Problem, Ilani H., Shufan E. and Grinshpoun T.	Of Interest to Me?
14:40	15:00	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?
15:00	15:20	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?
15:20	15:40	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

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S8-C : Cloud Based Resource Scheduling (Moravia II) (Session Chair: Presenter of Paper 005)

14:00	14:20	(087) Resource-Aware Scheduling for Data Centers with Heterogenous Servers, Tran T.T., Zhang P.Y., Li H., Down G.D. and Beck J.C.	Of Interest to Me?
14:20	14:40	(064) Model for planning of distributed data production, Makatun D., Lauret J., Rudová H. and Šumbera M.	Of Interest to Me?
14:40	15:00	(005) Routing Strategy for Prioritized Limited Multi-server Processor-Sharing System that includes Servers with Various Capacities, Shikata Y. and Hanayama N.	Of Interest to Me?
15:00	15:20	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?
15:20	15:40	(999) FREE SLOT, This room is available for meetings, discussions etc., but please book with Debbie just to make sure that it is not double booked	Of Interest to Me?

Coffee/Tea (15:40 - 16:00)

Session S9 (16:00 - 17:00)

S9-A : Educational Timetabling III (Bohemia II) (Session Chair: Presenter of Paper 154)

16:00	16:20	(101) Flow Formulation-based Model for the Curriculum-based Course Timetabling Problem, Bagger N-C. F., Kristiansen S., Sørensen M. and Stidsen T. R.	Of Interest to Me?
16:20	16:40	(091) Examination timetabling at Technische Universität Berlin, Lach M., Lach G. and Zorn E.	Of Interest to Me?
16:40	17:00	(154) Automated Design of the Developmental Approach for Solving the Examination Timetabling Problem, Pillay N.	Of Interest to Me?

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S9-B : Aircraft/Airport Operations (Moravia III) (Session Chair: Presenter of Paper 169)

16:00	16:20	(023) Scheduling competition in the airline industry and the issue of duplicate bookings, Ishii R. and Nakagawa K.	Of Interest to Me?
16:20	16:40	(085) Stability and Flexibility of Crew and Aircraft Schedules, Ionescu L. and Kliewer N.	Of Interest to Me?
16:40	17:00	(169) An integrated simultaneous approach for pilots and copilots re-scheduling problem, Kasirzadeh A. and Soumis F.	Of Interest to Me?

S9-C : Timetabling (Moravia II) (Session Chair: Presenter of Paper 125)

16:00	16:20	(117) Comparison of EATTS and XHSTT - Towards a Unified Description Language for Timetabling Problems, Müller M., Ostler J. and Wilke P.	Of Interest to Me?
16:20	16:40	(164) A list-scheduling approach for the planning of assessment centers, Zimmermann A. and Trautmann N.	Of Interest to Me?
16:40	17:00	(125) Scheduling a conference to minimize attendee preference conflicts, Quesnelle J. and Steffy D.	Of Interest to Me?

Nurse Rostering Challenge - Awards (17:00 - 17:50) (Bohemia II)

Conference Close (17:50 - 18:00) (Bohemia II)

Dinner: On your Own

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Friday 28th August

Social Day (More details at the conference)