



WATT -- EURO Working Group On Automated TimeTabling



VERS. 5.00

MISTA 2013 PROGRAMME



27 -30 Aug 2013 | Gent, Belgium

MISTA 2013 Programme

Multidisciplinary International Conference on Scheduling : Theory and Applications (MISTA 2013), 26th - 30th August 2013, Gent, Belgium

Monday 26th August

Reception (18:00 to 20:00) followed by a guided sightseeing tour

The reception will be held at Hof van Ryhove (see
http://www.inyourpocket.com/Belgium/Ghent/Sightseeing/Interesting-places/Hof-van-Ryhove_95021v)

See

<https://maps.google.com.my/maps?q=Onderstraat+22+Ghent&hl=en&ll=51.055983,3.724912&spn=0.006966,0.016512&sl=51.059402,3.719795&sspn=0.006993,0.016512&hnear=Onderstraat+22,+Gent+9000+Gent,+Oost-Vlaanderen,+Vlaams+Gewest,+Belgium&t=m&z=17>

Both these URL's are available on the home page of the conference:

<http://www.schedulingconference.org/social/activities.php>

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Multidisciplinary International Conference on Scheduling : Theory and Applications (MISTA 2013), 26th - 30th August 2013, Gent, Belgium

Tuesday 27th August

Opening and Welcome (08:45 - 09:00): Bourdon

Plenary (09:00 - 10:00): Bourdon (Chair: Graham Kendall)

Federico Della Croce

LP, or not LP: that is the question

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

Session S1 (10:30 - 12:30)

S1-A : Timetabling I (Bourdon) (Session Chair: Barry McCollum)

| | | | |
|-------|-------|---|--------------------|
| 10:30 | 10:50 | (089) A 3-phase approach to geographically distributed exam timetabling, Mihaylov M., Wauters T. and Vanden Berghe G. | Of Interest to Me? |
| 10:50 | 11:10 | (125) Innovative teaching and the death of the utilisation survey, Earl M. | Of Interest to Me? |
| 11:10 | 11:30 | (072) A simulated annealing approach to the curriculum-based course timetabling problem, Bellio R., Ceschia S., Di Gaspero L., Schaerf A. and Urli T. | Of Interest to Me? |
| 11:30 | 11:50 | (077) Late Acceptance-Hill Climbing Applied to the High School Timetabling Problem, Fonseca G.H.G., Santos H.G. and Toffolo T.A.M. | Of Interest to Me? |
| 11:50 | 12:10 | (079) An initial study of a novel Step Counting Hill Climbing heuristic applied to timetabling problems, Bykov Y. and Petrovic S. | 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? |

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S1-B : Transportation & Routing (Wolfers I) (Session Chair: Piet Demeester)

| | | | |
|-------|-------|--|--------------------|
| 10:30 | 10:50 | (018) Container Stowage and Short Sea Ship Routing Problem Optimization, Moura A. and Oliveira J. | Of Interest to Me? |
| 10:50 | 11:10 | (028) Transfers in the on-demand transportation: the DARPT - Dial-a-Ride Problem with transfers allowed, Deleplanque S. and Quilliot A. | Of Interest to Me? |
| 11:10 | 11:30 | (046) An Iterated Local Search Algorithm for the Technician Routing and Scheduling Problem, Sabar N.R. and Nazri M.Z.A | Of Interest to Me? |
| 11:30 | 11:50 | (043) Solution Algorithms for the Two-station Single Track Railway Scheduling Problem, guz | Of Interest to Me? |
| 11:50 | 12:10 | (051) An efficient metaheuristic for the inventory orienteering problem and the single-vehicle cyclic inventory routing problem, Vansteenwegen P. and Mateo M. | Of Interest to Me? |
| 12:10 | 12:30 | (084) Modeling Real-World Vehicle Routing Problems with Dependencies, Walcarius T., Houbraken M., Audenaert P., Pickavet M. and Demeester P. | Of Interest to Me? |

S1-C : Job Shop and Flow Shop Scheduling I (Wolfers II) (Session Chair: Erik Demeulemeester)

| | | | |
|-------|-------|---|---------------------|
| 10:30 | 10:50 | (003) Homogeneously non-idling schedules of unit-time jobs on identical machines, Quilliot A. and Chrétienne P. | Of Interest to Me? |
| 10:50 | 11:10 | (012) Scheduling chains with constant timelags and variable release times on a single machine, Ermis G. and Oguz C. | Of Interest to Me? |
| 11:10 | 11:30 | (024) The single-machine scheduling problem with a finite capacity input buffer, Tanaka S. | Of Interest to Me? |
| 11:30 | 11:50 | (050) Exact algorithms for single-machine scheduling with time windows and precedence constraints, Davari M., Demeulemeester E., Leus R. and Nobibon F.T. | Of Interest to Me? |
| 11:50 | 12:10 | (040) Mimizing the number of late jobs on parallel machines with alpha time windows, Jeauneau V. and Chrétienne P. | Of Interest to Me? |
| 12:10 | 12:30 | (030) Reentrance and exact time lag on flow shop scheduling problem, Amrouche K. and Boudhar M. | Not being presented |

Lunch (12:30 - 14:00)

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Session S2 (14:00 - 15:20)

S2-A : Aircraft/Airport Operations (Bourdon) (Session Chair: Paolo Serafini)

| | | | |
|-------|-------|---|--------------------|
| 14:00 | 14:20 | (035) Optimal scheduling of aircrafts' engines repair process, Cerdeira J.O., Lopes I.C. and Costa e Silva E. | Of Interest to Me? |
| 14:20 | 14:40 | (026) Baggage Scheduling at Airports: A framework for efficiently allocating resources to flight events, Barth T.C., Böckmann F. and Schäfer A. | Of Interest to Me? |
| 14:40 | 15:00 | (042) Algorithms for building optimal aircraft maintenance personnel rosters, De Bruecker P., Demeulemeester E., Beliën J. and Van den Bergh J. | Of Interest to Me? |
| 15:00 | 15:20 | (048) Scheduling teams for aircraft ground maintenance, Lancia G. and Serafini P. | Of Interest to Me? |

S2-B : Meta-/Hyper-heuristics (Wolfers I) (Session Chair: Nasser Sabar)

| | | | |
|-------|-------|--|--------------------|
| 14:00 | 14:20 | (118) A Grouping Hyper-heuristic for Graph Colouring, Elhag A. and Ozcan E. | Of Interest to Me? |
| 14:20 | 14:40 | (049) Extending the late acceptance metaheuristic for multi-objective optimization, Vancroonenburg W. and Wauters T. | Of Interest to Me? |
| 14:40 | 15:00 | (132) An Evolutionary Hill Climbing Algorithm for Dynamic Optimisation Problems, Turkey A.M., Abdullah S., McCollum B. and Sabar N.R. | 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 | Paper Withdrawn |

S2-C : General Scheduling I (Wolfers II) (Session Chair: Hans Kellerer)

| | | | |
|-------|-------|---|--------------------|
| 14:00 | 14:20 | (006) Optimal Parallel Systems for Random Scheduling Times, Nakamura S., Chen M. and Nakayama K. | Of Interest to Me? |
| 14:20 | 14:40 | (015) Mitigating Partitioning Skew in MapReduce Computations, Berlinska J. and Drozdowski M. | Of Interest to Me? |
| 14:40 | 15:00 | (022) Order acceptance and scheduling problem with time-dependent revenues, Cheng C., He R., Yao F. and Yang Z. | Of Interest to Me? |
| 15:00 | 15:20 | (008) Fast Approximation Schemes for Boolean Programming and Scheduling Problems Related to Positive Convex Half-Product, Kellerer H. and Strusevich V. | Of Interest to Me? |

Coffee/Tea (15:30 - 16:00)

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Session S3 (16:00 - 17:00)

S3-A : General Scheduling II (Bourdon) (Session Chair: Gonik Aharon)

| | | | |
|-------|-------|---|--------------------|
| 16:00 | 16:20 | (009) Scheduling in Wireless OFDMA-TDMA Networks using Variable Neighborhood Search MetaHeuristic, Adasme P. and Lisser A., Wang C. and Soto I. | Of Interest to Me? |
| 16:20 | 16:40 | (062) A Graphical Algorithm for Solving an Investment Optimization Problem, Gafarov E.R., Dolgui A., Lazarev A.A. and Werner F. | Of Interest to Me? |
| 16:40 | 17:00 | (136) Hierarchical Control Model for Several Stochastic Network Projects, Aharon G. | Of Interest to Me? |

S3-B : Mathematical Programming (Wolfers I) (Session Chair: Panayiotis Alefragis)

| | | | |
|-------|-------|---|--------------------|
| 16:00 | 16:20 | (091) Temporal Linear Relaxation in IBM ILOG CP Optimizer, Laborie P. and Rogerie J. | Of Interest to Me? |
| 16:20 | 16:40 | (096) DAG Scheduling using Integer Programming in heterogeneous parallel execution environments, Valouxis C., Gogos C., Alefragis P., Goulas G., Voros N. and Housos E. | 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? |

S3-C : Production Scheduling (Wolfers II) (Session Chair: Luiza Zeltzer)

| | | | |
|-------|-------|---|--------------------|
| 16:00 | 16:20 | (033) Time-Hierarchical Scheduling: A worst-case analysis of a rolling hierarchical approach for integrated production planning and scheduling in make-to-order environments, Leoff J., Ackermann H. and Küfer K-H. | Of Interest to Me? |
| 16:20 | 16:40 | (020) Production and Inbound Batch Delivery Scheduling: Dominance and Cooperation, Agnetis A., Aloulou M.A. and Fu L-L. | Of Interest to Me? |
| 16:40 | 17:00 | (054) Balancing and Sequencing Mixed-Model Assembly Lines to Minimize Work Overload in Real World Workstations, Zeltzer L., Limère V. and Aghezzaf El-H | Of Interest to Me? |

Conference Dinner (Augustinian Monastery)

More details will be provided at the conference, but 18:30 departure from the conference venue

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Wednesday 28th August

**Plenary (09:00 - 10:00): Bourdon (Chair: Barry McCollum)
Chris Potts**

Planning and Scheduling for Railways: Review and Case Studies

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

Session S4 (10:30 - 12:30)

S4-A : Timetabling II (Bourdon) (Session Chair: Tomas Müller)

| | | | |
|-------|-------|---|--------------------|
| 10:30 | 10:50 | (041) Student Sectioning at High Schools in Denmark, Kristiansen S., Mason A. and Stidsen T.R. | Of Interest to Me? |
| 10:50 | 11:10 | (044) Algorithms and Complexity of Student Sectioning for Existing Timetables, Dostert M., Politz A. and Schmitz H. | Of Interest to Me? |
| 11:10 | 11:30 | (021) Automatic timetabling in Higher Education Institutions: a real scenario and solution, Fernandes P., Pereira C.S. and Barbosa A. | Of Interest to Me? |
| 11:30 | 11:50 | (078) A New Integer Linear Programming Formulation to the Examination Timetabling Problem, Fonseca G.H.G. and Santos H.G. | Of Interest to Me? |
| 11:50 | 12:10 | (095) Building university course timetables with minimized resulting student flows: A case study at the Hogeschool-Universiteit Brussel, Beliën J. and Mercy A. | Of Interest to Me? |
| 12:10 | 12:30 | (057) Real-life Examination Timetabling, Müller T. | Of Interest to Me? |

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S4-B : Real World Applications I (Wolfers I) (Session Chair: Wim Vancroonenburg)

| | | | |
|-------|-------|--|--------------------|
| 10:30 | 10:50 | (083) Scheduling with MS Project: an add-in, Guedes A.F.M., and Tereso A.P. | Of Interest to Me? |
| 10:50 | 11:10 | (047) The Dynamic Patient Admission Scheduling with Operating Room Constraints, Flexible Horizon, and Patient Delays, Ceschia S. and Schaerf A. | Of Interest to Me? |
| 11:10 | 11:30 | (081) Use Matrixes Of Weighing for the scheduling in a sports Fantasy, Hernández J.J.G., García M.J.G. and Hernández J.G.R. | Of Interest to Me? |
| 11:30 | 11:50 | (013) Minimizing the dissemination length in the one-datum-unit data transfer problem, Bocquillon R. and Jouglet A. | Of Interest to Me? |
| 11:50 | 12:10 | (065) Evacuation Scheduling of a Town after a Natural Disaster: Time-indexed Formulations, Deghdak K., T'Kindt V. and Bouquard J-L. | Of Interest to Me? |
| 12:10 | 12:30 | (082) A computational study of a cutting stock problem with sequence dependent cut losses, Garraffa M., Salassa F., Vancroonenburg W., Vanden Berghe G. and Wauters T. | Of Interest to Me? |

S4-C : Personnel/Staff Rostering (Wolfers II) (Session Chair: Broos Maenhout)

| | | | |
|-------|-------|---|--------------------|
| 10:30 | 10:50 | (011) Bilevel Decomposition Approach for Cyclic Staff Scheduling Problems, Nishi T. and Sugiyama T. | Of Interest to Me? |
| 10:50 | 11:10 | (111) Extended Roster Quality Staffing Problem: A medium term roster quality to support staffing decisions, Komarudin, De Feyter T., Guerry M-A. and Vanden Berghe G. | Of Interest to Me? |
| 11:10 | 11:30 | (093) The Balanced Path Problem in Crew Scheduling Applications, Sahin G. and Saridarq F.D. | Of Interest to Me? |
| 11:30 | 11:50 | (052) A heuristic approach to an integrated personnel rostering and task assignment problem, Smet P. and Vanden Berghe G. | Of Interest to Me? |
| 11:50 | 12:10 | (067) The Impact of Problem Characteristics on the Robustness of a Personnel Schedule: An Empirical Investigation, Ingels J. and Maenhout B. | Of Interest to Me? |
| 12:10 | 12:30 | (060) An exact procedure for an integrated project staffing problem, Maenhout B. and Vanhoucke M. | Of Interest to Me? |

Lunch (12:30 - 14:00)

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Session S5 (14:00 - 15:20)

S5-A : Real World Applications II (Bourdon) (Session Chair: Dries Goossens)

| | | | |
|-------|-------|--|--------------------|
| 14:00 | 14:20 | (104) A Robust Multi-Agent Reinforcement Learning Approach for Scheduling Problems, Martínez Y., Nowé A. and Bello R. | Of Interest to Me? |
| 14:20 | 14:40 | (102) Guiding wiki crowds through resource scheduling, Lykourantzou I., Aggoune-Mtalaa W., Vergados D.J. and Naudet Y. | Of Interest to Me? |
| 14:40 | 15:00 | (115) Scheduling of electric vehicle charging operations, Bucar D., Bessler S., Musliu N. and Groenbaek J. | Of Interest to Me? |
| 15:00 | 15:20 | (023) Scheduling round robin tournaments for amateur sport leagues, Goossens D. and Spieksma F.C.R. | Of Interest to Me? |

S5-B : Job Shop and Flow Shop Scheduling II (Wolfers I) (Session Chair: Lars Monch)

| | | | |
|-------|-------|--|--------------------|
| 14:00 | 14:20 | (097) Solving the Hybrid Job Shop Problem with Sequence Dependent Setups, Dauzère-Pérès S., Shen L. and Neufeld J.S. | Of Interest to Me? |
| 14:20 | 14:40 | (112) A computational study of shifting bottleneck procedures for job shop total weighted tardiness scheduling problems, Scholz-Reiter B., Tan Y. and Hildebrandt T. | Of Interest to Me? |
| 14:40 | 15:00 | (114) An Iterative Local Search Algorithm for Scheduling Precedence-Constrained Applications on Heterogeneous Machines, Pineda A.A.S., Pecero J.E., Huacuja H.J.F., Barbosa J.J.G. and Bouvry P. | Of Interest to Me? |
| 15:00 | 15:20 | (076) New MILP Formulations for Minimizing the Number of Tardy Jobs on a Single Batch Machine, Dauzère-Pérès S. and Moench L. | Of Interest to Me? |

S5-C : General Scheduling III (Wolfers II) (Session Chair: Andrew Parkes)

| | | | |
|-------|-------|--|--------------------|
| 14:00 | 14:20 | (061) A fast solution method for the Time-Dependent Orienteering Problem with time windows, Verbeeck C., Aghezzaf E.-H and Vansteenwegen P. | Of Interest to Me? |
| 14:20 | 14:40 | (127) A heuristic approach to the prisoner transportation problem, Christiaens J., Wauters T., De Wispelaere A. and Vanden Bergh G. | Of Interest to Me? |
| 14:40 | 15:00 | (133) A Hybrid of Differential Evolution and Simulated Annealing Algorithms for the Capacitated Arc Routing Problems, Sabar N.R., Ayob M. and Kendall G. | Of Interest to Me? |
| 15:00 | 15:20 | (110) Heuristic Pruning Methods For The Robust Shortest Path Problem, Clark M.D. and Parkes A.J. | Of Interest to Me? |

Coffee/Tea (15:30 - 16:00)

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Session S6 (16:00 - 17:00)

S6-A : General Scheduling IV (Bourdon) (Session Chair: Zdenek Hanzalek)

| | | | |
|-------|-------|--|--------------------|
| 16:00 | 16:20 | (105) Batch Sizing and Just-In-Time Scheduling: Analysis of Some Special Cases, Hazir O. and Kedad-Sidhoum S. | Of Interest to Me? |
| 16:20 | 16:40 | (101) On the effect of complexity and uncertainty in ELSP, Cortés R., Molina P. and Garcia-Sabater J.P. | Of Interest to Me? |
| 16:40 | 17:00 | (088) Grouping tasks to save energy in a cyclic wireless sensor network scheduling problem, Hanzalek Z. and Hanen C. | Of Interest to Me? |

S6-B : Project Scheduling (Wolfers I) (Session Chair: Alain Quilliot)

| | | | |
|-------|-------|--|--------------------|
| 16:00 | 16:20 | (119) The stochastic resource-constrained project scheduling problem under different confidence levels, Lamas P. and Demeulemeester E. | Of Interest to Me? |
| 16:20 | 16:40 | (019) Solving a cooperative project scheduling with controllable processing times, self-interested agents and equal profit sharing, Briand C., Ngueveu S.U. and Sucha P. | Of Interest to Me? |
| 16:40 | 17:00 | (017) RCPSP with Resource Transfers and Money Management, Quilliot A. and Toussaint H. | Of Interest to Me? |

S6-C : Theoretical Scheduling (Wolfers II) (Session Chair: Yasmina Seddik)

| | | | |
|-------|-------|--|--------------------|
| 16:00 | 16:20 | (037) Optimal scheduling policies for diagnosing k-out-of-n systems with imperfect tests, Wei W., Nobibon F.T. and Leus R. | Of Interest to Me? |
| 16:20 | 16:40 | (058) Complexity analysis of the discrete sequential search problem with group activities, Coolen K., Leus R. and Nobibon F.T. | Of Interest to Me? |
| 16:40 | 17:00 | (059) A polynomial time OPT-1 algorithm for a scheduling problem with two delivery dates and cumulative payoffs, Seddik Y., Gonzales C. and Kedad-Sidhoum S. | Of Interest to Me? |

Boat Tour of Gent followed by reception at KAHO-KU Leuven Technology Campus

More details will be provided at the conference, but 18:30 departure from the conference venue

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Thursday 29th August

Plenary (09:00 - 10:00): Bourdon (Chair: Greet Vanden Berghe)

Cees Witteveen

Decomposition in scheduling

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

Session S7 (10:30 - 12:30)

S7-A : Timetabling III (Bourdon) (Session Chair: Hana Rudova)

| | | | |
|-------|-------|---|--------------------|
| 10:30 | 10:50 | (123) An Investigation of Multistage Approaches to Examination Timetabling, Rahman S.A., Bargiela A., Burke E., McCollum B. and Ozcan E. | Of Interest to Me? |
| 10:50 | 11:10 | (124) Initial Results on Fairness in Examination Timetabling, Muklason A., Parkes A.J., McCollum B. and Ozcan E. | Of Interest to Me? |
| 11:10 | 11:30 | (128) Tackling University Timetabling Problems Using Hybridization of Swarm Based Approach, Weng F.C., bin Asmuni H. and McCollum B. | Of Interest to Me? |
| 11:30 | 11:50 | (116) Directing selection within an extended great deluge optimization algorithm, Hamilton-Bryce R., McMullan P. and McCollum B. | Of Interest to Me? |
| 11:50 | 12:10 | (063) A Decomposition of the Max-min Fair Curriculum-based Course Timetabling Problem: The Impact of Solving Subproblems to Optimality, Muehlenthaler M. and Wanka R. | Of Interest to Me? |
| 12:10 | 12:30 | (106) Student Scheduling for Bachelor State Examinations, Kochaniková B. and Rudová H. | Of Interest to Me? |

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S7-B : Multi-mode Resource-constrained Multi-project Scheduling Problem (MRCMPSP) Competition (Wolfers I) (Session Chair: Tony Wauters)

| | | |
|---|---|--------------------|
| This session will report on the competition that was run as part of MISTA 2013. This is an indicative schedule (and may be subject to change) of the talks. The talks will be 10 minutes + 3 minutes for questions. | | Of Interest to Me? |
| 10:30 | (145) MIP Relaxation and Large Neighborhood Search for a Multi-Mode Resource-Constrained Multi-Project Scheduling Problem, Artigues C. and Hebrard E. | Of Interest to Me? |
| 10:43 | (149) Combining Monte-Carlo and Hyper-heuristic methods for the Multi-mode Resource-constrained Multi-project Scheduling Problem, Asta S., Karapetyan D., Kheiri A., Ozcan E. and Parkes A.J. | Of Interest to Me? |
| 10:56 | (147) A simple stochastic local search for multi-mode resource-constrained multi-project scheduling, Borba L.M., Benavides A.J., Zubaran T., Carniel G.C. and Ritt M. | Of Interest to Me? |
| 11:09 | (148) Evolutionary algorithm and post-processing to minimize the total delay in multi-project scheduling, Bouly H., Dang D-C., Moukrim A. and Xu H. | Of Interest to Me? |
| 11:22 | (143) Iterated Variable Neighborhood Search for the resource constrained multi-mode multi-project scheduling problem, Geiger M.J. | Of Interest to Me? |
| 11:35 | (146) Automatic Design of a Hybrid Iterated Local Search for the Multi-Mode Resource-Constrained Multi-Project Scheduling Problem, López-Ibáñez M., Mascia F., Marmion M-E. and Stützle T. | Of Interest to Me? |
| 11:48 | (144) A Three-Phases Based Algorithm for the Multi-Mode Resource-Constrained Multi-Project Scheduling Problem, Alonso-Pecina F., Pecero J.E. and Romero D. | Of Interest to Me? |
| 12:01 | (150) An Integer Programming Approach for the Multi-Mode Resource-Constrained Multi-Project Scheduling Problem, Toffolo T.A.M., Santos H.G., Carvalho M. and Soares J. | Of Interest to Me? |
| 12:14 | (142) A hybrid local search algorithm integrating an exact CP-SAT approach to solve the multi-mode resource-constrained multi-project scheduling problem, Schnell A. | Of Interest to Me? |

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S7-C : Job Shop and Flow Scheduling III (Wolfers II) (Session Chair: Frits Spieksma)

| | | | |
|-------|-------|--|--------------------|
| 10:30 | 10:50 | (056) Minimizing the weighted sum of maximum earliness- tardiness cost on a single machine under maintenance constraints, Benmansour R., Allaoui H., Artiba H. and Hanafi S. | Of Interest to Me? |
| 10:50 | 11:10 | (075) Bandit Algorithms using Monte Carlo Rollouts for Job Shop Scheduling, Geirsson E. and Runarsson T.P. | Of Interest to Me? |
| 11:10 | 11:30 | (094) Parallel Machine Scheduling with Generalized Precedence Relations, Han J., Sadykov R. and Vanderbeck F. | Of Interest to Me? |
| 11:30 | 11:50 | (085) New Solvable Cases of the Maximum Lateness Problem with Preemptions, Walker S. and Zinder Y. | Of Interest to Me? |
| 11:50 | 12:10 | (086) An unrelated parallel machine scheduling problem with auxiliary resources and sequence dependent setup times, Bitar A., Dauzère-Pères S. and Yugma C. | Of Interest to Me? |
| 12:10 | 12:30 | (027) Solving a time-indexed formulation by preprocessing and cutting planes, Berghman L., Spieksma F.C.R. and T'Kindt V. | Of Interest to Me? |

Lunch (12:30 - 14:00)

Session S8 (14:00 - 15:20)

S8-A : NO SESSION (Bourdon) (Session Chair: N/A)

| | | | |
|-------|-------|--|--------------------|
| 14:00 | 14:20 | (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? |
| 14:20 | 14:40 | (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? |
| 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? |

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S8-B : General Scheduling V (Wolfers I) (Session Chair: Onur Demir)

| | | | |
|-------|-------|---|--------------------|
| 14:00 | 14:20 | (029) Compilation of Maintenance Schedules based on their Key Performance Indicators for Fast Iterative Interaction, Curran D., Van der Krogt R., Little J. and Wilson N. | Of Interest to Me? |
| 14:20 | 14:40 | (080) Line search method for solving a non-preemptive strictly periodic scheduling problem, Pira C. and Artigues C. | Of Interest to Me? |
| 14:40 | 15:00 | (120) In-depth analysis of the quality sequence to resolve CRSP, Valero-Herrero M., Garcia-Sabater J.P. and Vidal-Carreras P.I. | Of Interest to Me? |
| 15:00 | 15:20 | (087) A GIS-Based Emergency Response System for Disaster Relief Operations, Demir O. and Özdamar L. | Of Interest to Me? |

S8-C : Healthcare (Wolfers II) (Session Chair: Patrick De Causemaecker)

| | | | |
|-------|-------|--|--------------------|
| 14:00 | 14:20 | (016) A large neighborhood search for the Shift Design Personnel Task Scheduling Problem with Equity, Lapègue T., Bellenguez-Morineau O. and Prot D. | Of Interest to Me? |
| 14:20 | 14:40 | (117) Evaluation of appointment scheduling rules, Creemers S., Colen P. and Lambrecht M. | Of Interest to Me? |
| 14:40 | 15:00 | (098) Roster Evaluation Based on the Classifiers for the Nurse Rostering Problem, Vaclavik R., Sucha P. and Hanzalek Z. | Of Interest to Me? |
| 15:00 | 15:20 | (002) Algorithm performance prediction for nurse rostering, Messelis T., De Causemaecker P. and Vanden Berghe G. | Of Interest to Me? |

Coffee/Tea (15:30 - 16:00)

Session S9 (16:00 - 17:00)

S9-A : NO SESSION (Bourdon) (Session Chair: N/A)

| | | | |
|-------|-------|---|--------------------|
| 16:00 | 16:20 | (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? |
| 16:20 | 16:40 | (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? |
| 16:40 | 17:00 | (001) A new ant colony optimization for minimizing tardiness in the single-machine scheduling problem with sequence-dependent setups times, Sioud A., Gravel M. and Gagné C. | No presentation |

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S9-C : Meta-heuristics for Machine Scheduling (Wolfers I) (Session Chair: Bert Van Vreckem)

| | | | |
|-------|-------|---|--------------------|
| 16:00 | 16:20 | (031) A GRASP approach for the Job Shop Scheduling Problem with minimizing the Total Weighted Tardiness, Kuhpfahl J. and Bierwirth C. | Of Interest to Me? |
| 16:20 | 16:40 | (100) A Reinforcement Learning Approach to Solving Hybrid Flexible Flowline Scheduling Problems, Van Vreckem B., Borodin D., De Bruyn W. and Nowé A. | Of Interest to Me? |
| 16:40 | 17:00 | (113) Local search techniques applied to the Unrelated Parallel Machine Scheduling Problem with Sequence Dependent Setup Time, Rodrigues L.U., Santos H.G., Toffolo T.A.M. and Silva C.L.T.F. | Of Interest to Me? |

S9-C : General Scheduling VI (Wolfers II) (Session Chair: Gerd Finke)

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|-------|-------|--|--------------------|
| 16:00 | 16:20 | (010) A resource loading problem in the aircraft line maintenance industry, Van den Bergh J., Beliën J., Leus R. and Nobibon F.T. | Of Interest to Me? |
| 16:20 | 16:40 | (130) Two extensions of Lawler's min-max cost algorithm, Brauner N., Finke G., Shafransky Y. and Sledneu D. | Of Interest to Me? |
| 16:40 | 17:00 | (053) Dual Discounting Functions for Internet Shopping Optimization Problem, Blazewicz J., Bouvry P., Musial J., Pecero J.E. and Trystram D. | Of Interest to Me? |

Conference Close (17:00 - 18:00) (Bourdon)

MISTA Challenge Award Ceremony

Closing Talks

Dinner: On your Own

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Friday 12th August

Social Day (More details at the conference)