## SESSION PRESENTATION DETAILS

### SESSION - I (02.10.2023; 12:00 - 13:00) (Venue: Main Conference Hall) (Zoom Meeting ID: 849 1568 2710, Passcode: MOPGP2023)

| | | |
|---|---|---|
| 1.1. | A general review on FN-DBSCAN clustering algorithm based on fuzzy density concept | Fatma Günseli Yaşar Çıklacandır, Gözde Ulutagay |
| 1.2. | Goal Programming: A review and comparison of Turkey with Middle Eastern countries | Ayhan Gölcükcü, Hasan Bal |
| 1.3. | Goal Programming Technique for Fair Single Source Capacitated Facility Location Problem | Gamze Erdem, Mert Paldrak, Oray Kulaç, Adalet Öner |
| 1.4. | On Solving a Quadratic Multiobjective Problem as a Linear complementarity based weighted problem | Samir Kumar Neogy |

### SESSION - II (02.10.2023; 15:15 - 16:30) (Venue: Main Conference Hall) (Zoom Meeting ID: 849 1568 2710, Passcode: MOPGP2023)

| | | |
|---|---|---|
| 2.1. | Multi-Objective Optimization for Homecare Delivery During Health Emergencies | Ozgur M Araz, Mert Parcaoğlu, F. Sibel Salman |
| 2.2. | Multi-objective-based immunization and portfolio selection strategies for corporate green bonds | Noureddine Kouaissahi, Ghada El Boury |
| 2.3. | Long-haul direct flights or sustainable connecting flights? A multiobjective approach to network design under CORSIA | Ankit Sharma, Suresh Kumar Jakhar |
| 2.4. | A Reinforcement Learning Based Approach for the Multi-objective Traveling Salesman Problem: Q-learning | Ali Koç, Diclehan Tezcaner Öztürk |
| 2.5. | Multi-Objective Reinforcement Learning Application for Supply Chain Management of a Textile Company | Gamze Erdem, Murat Fadıloğlu, Mert Paldrak |

### SESSION - III (02.10.2023; 16:45 - 18:00) (Venue: Main Conference Hall) (Zoom Meeting ID: 849 1568 2710, Passcode: MOPGP2023)

| | | |
|---|---|---|
| 3.1. | An Innovative Approach for Solving Multi-Level Programming Problems Using Fuzzy Linguistic Preferences | Syed Aqib Jalil |
| 3.2. | Prioritizing payment methods with Integrated Fuzzy AHP- TOPSIS approach considering information security criteria in terms of cyber security strategy for e-Commerce sites | Bilge Nur Güneş, Özge Aslan, Özlem Şenvar |
| 3.3. | Multi-Criteria Decision-Making on Transportation of a Metropolitan City: İzmir Case Study | Gamze Erdem, Yücel Öztürkoğlu, Özgür Toy |
| 3.4. | Selection of Warehouse Location in the Framework of Sustainable Supply Chains for Geographical Indication Products: The Case of Izmir Kemalpaşa Cherry | Basak Kaftan, Burcu Aracıoğlu, Volkan Yavaş |
| 3.5. | Multi Objective Optimization for Automated Guided Vehicle (AGV) Assisted Order Picking Problem | Simge Güçlükol Ergin, Mahmut Ali Gökçe |

### SESSION - IV (04.10.2023; 10:00 - 11:15) (Venue: Y-010) (Zoom Meeting ID: 896 1488 5229, Passcode: MOPGP2023)

| | | |
|---|---|---|
| 4.1. | Inland Container Repositioning with Depot Pricing Policies | Ceyhun Güven, Erdinç Öner, Uğur Eliiyi |
| 4.2. | Constraint Programming Model for Hybrid Flow Shop Scheduling with Batch Delivery Problem | Seyit Furkan Kaçar, Damla Kızılay, Zeynel Abidin Çil |
| 4.3. | The Electric Vehicle Routing Problem with Simultaneous Pick-up and Delivery | İclal Bağcı, Hande Öztop, Zeynel Abidin Çil |
| 4.4. | The Distributed Permutation Flowshop Scheduling Problem with Batch Delivery | Hakan Kaya, Hande Öztop, Damla Kızılay |
| 4.5. | Exact and Heuristic Algorithms for Multi Objective Multi-Man Assembly Line Rebalancing Problem | Zeynep Filiz, Zeynel Abidin Çil, Damla Kızılay |

### SESSION - V (ONLINE PRESENTATIONS) (04.10.2023; 11:30 - 12:45) (Venue: Y-010) (Zoom Meeting ID: 896 1488 5229, Passcode: MOPGP2023)

| | | |
|---|---|---|
| 5.1. | A Multi-Objective Immediate Due Date Assignment Policy with Family Setups | Zehra Düzgit |
| 5.2. | Multi-Objective Optimization Approaches for the Sustainable Production Scheduling Problems: A Review and Discussion | Mohammed Zahid Koç, Çağrı Sel |
| 5.3. | Multiobjective optimization models for integrating circular economy principles in slurry management | Herminia I. Calvete, Carmen Galé, Aitor Hernández, José A. Iranzo |
| 5.4. | Gradient descent approach for multi-objective picture-fuzzy stochastic portfolio selection | Truong Tuan Khang , Tran Ngoc Thang |
| 5.5. | Distributionally Robust Multiobjective Optimization | Rocca Matteo, Matteo Rocca |

### SESSION - VI (ONLINE PRESENTATIONS) (04.10.2023; 15:00 - 16:15) (Venue: Main Conference Hall) (Zoom Meeting ID: 896 1488 5229, Passcode: MOPGP2023)

| | | |
|---|---|---|
| 6.1. | A Multiple Criteria Optimal Control Model for Emission-mobility Reductions and Sustainable City Planning | Fabio Vanni, Davide La Torre, Matteo Rocca |
| 6.2. | Improving Performance of a Distance-Based Multi-Criteria Sorting Method: DISWOTH II and DISWOTH III | Hasan Taş, Esra Karasakal |
| 6.3. | Objective weights for multiple criteria: The Automatic Democratic Method | Christopher Tofallis |
| 6.4. | Multicriteria Decision Making in Water Quality Evaluation Using Fuzzy Topsis Methodology | Ayad Al-Mohammedi, Gözde Ulutagay |
| 6.5. | Preferential Perspectives on, and Modifications to, Revised Multi-Choice Goal Programming | Dylan Jones, Mohammad Ali Yaghoobi |

### SESSION - VII (ONLINE PRESENTATIONS) (04.10.2023; 16:30 - 17:30) (Venue: Main Conference Hall) (Zoom Meeting ID: 896 1488 5229, Passcode: MOPGP2023)

| | | |
|---|---|---|
| 7.1. | Maximizing the Procurement of Items with Multiple Priorities within a Fixed Budget | Danijel Macanga, Nikola Kadoić, Blaženka Divjak |
| 7.2. | Interactive Approach to Multistage Bipolar Method | Tadeusz Trzaskalik, Maciej Nowak, Sławomir Jarek |
| 7.3. | Bi-Criteria Optimization of Makespan and Total Flow Time in No-Wait Flowshops | Damla Yüksel, Levent Kandiller, Mehmet Fatih Taşgetiren |
| 7.4. | Simulation-Based Multi-objective Traffic Signal Timing Optimization Framework for Urban Signalized Intersection | Syed Shah S.M. Qadri, Mahmut Ali Gökçe, Erdinç Öner |