Monday July 3
Paper Session 3
Room 1
Agent Based Simulation II

Time	Paper #	Title	Authors
16h30	4360	Pilot simulation for public passenger transport energy consumption	Carmen Angelina García Cerrud, Manuel Hernández Rosales and Idalia Flores de la Mota
16h50	5563	Learning Explanatory Coherence Models from Agent-Based Simulation Experiments	Levent Yilmaz
17h10	5635	Simulating patient outmigration based on regional-level healthcare quality: an agent-based modeling approach	Moo Hyuk Lee and Young Kyung Do
17h30	6870	On the Relationship between Model Complexity and Decision Support in Agent-based Modeling and Simulation	Ruhollah Jamali and Sanja Lazarova-Molnar

Monday July 3

Paper Session 3

Room 2

Simulation in Manufacturing and Agriculture

Time	Paper #	Title	Authors
16h30	6557	Simulation analysis of flow patterns inside a cyclone bag separator at increasing clogging levels	Federico Solari, Natalya Lysova, Federico Iasoni, Giovanni Paolo Tancredi, Roberto Montanari and Andrea Volpi
16h50	7625	Simulation-Optimization of Job Shop Scheduling using Reinforcement Learning	Sahil Belsare and Mohammad Dehghani
17h10	8005	An AI-Enabled Simulation: Applying Neural Network in a Flexible Flow Shop Problem	Soeb Hussain, Yash Nema and Mohammad Dehghanimohammadabadi
17h30	8864	Modeling Dynamics of the Biogas Process under Uncertainty: A Fuzzy Set Theory Approach	Zahir Barahmand and Gamunu Samarakoon

Monday July 3
Paper Session 3
Room 3
Industrial Case Studies I

Time	Paper #	Title	Authors
16h30	2475	Reward Calculation in Real-time Scheduling Based on Simulation and Q-learning	Shufang Xie, Tao Zhang and Oliver Rose
16h50	3140	Simulation, a tool to improve the medical equipment production line	Federico Miguel Vázquez Trejo, Eduardo Herrera Jacobo and Ricardo Torres Mendoza
17h10	3829	A Reinforcement Learning Embedded Simulation Model for The Automation of Pipe Production Plans	Kamil Erkan Kabak and Alper Demir
17h30	4489	Optimizing Electric Arc Furnace Operations through an Intuitive User Interface on Siemens MindSphere: A Decision Support System	Simon Tomažič and Vito Logar