Table of Contents

Urban Consolidation Centers – an Analysis of Internal Processes Using Discrete Event Process Simulation Maximilian Wuennenberg, Chen Yang, and Johannes Fottner	1
Qualitative Simulation of Causal Dynamics in Higher Education using Fuzzy Cognitive Maps Levent Yilmaz	7
Approach to a Holistic Modelling of Cycling Dynamics Yannick Rauch, Julia Rall, Maximilian Ruhe, and Reiner Kriesten	13
Real World Case Study To Teach Simulation Lara Zakfeld, Carlo Simon, Merlin Hladik, and Stefan Haag	19
Crowdshipping with Dynamic Workers Availability – Restless-Bandit-Based Prioritization Amin Karimi, Jing Fu, Lele Zhang, and Hadi Ghaderi	25
LookAhead - A New Approach for Event Handling in Co-Simulation by Predicting State Events Felix Tischer, Simon Genser, Daniel Watzenig, and Martin Benedikt	34
A Supply Chain Disruption Framework for Discrete Event Simulation Andrew Greasley and Daniel Chicksand	40
How Marketing and Sales can Push and Accelerate Residential Refurbishment Mart Verhoog	44
Security Process for Adopting Machine to Machine Communication for Maintenance in Transportation with a Focus on Key Establishment Sibylle Froschle and Martin Kubisch	50