Welcome to Gala Dinner IFAC MIM 2019!

Awards

Best Paper Award

IFAC Young Author Award

Best Industrial Paper Award

Commended Paper Awards

Commended Paper Awards

Liu, Ming; Liu, Xin	Machine Scheduling with Stochastic Release and Processing Times under Industry 4.0
Ma, Shigui; He, Yong; Yu, Yanan; Gu, Ran; Lyu, Hongjiang	Co-op advertising in a dynamic supply chain when supply is disrupted
Bocewicz, Grzegorz; Nielsen, Izabela; Banaszak, Zbigniew	A Decision Support Model for Prototyping In-Plant Milk-Run Traffic Systems
Rummukainen, Hannu; Nurminen, Jukka K.	Practical Reinforcement Learning - Experiences in Lot Scheduling Application
Mezzogori, Davide; Romagnoli, Giovanni; Zammori, Francesco	Deep Learning and WLC: How to Set Realistic Delivery Dates in High-Variety Manufacturing Systems
Cestana, Alessandro; Pastore, Erica; Alfieri, Arianna; Matta, Andrea	Reducing Resupply Time with Additive Manufacturing in Spare Part Supply Chain
Borstell, Hagen; Reggelin, Tobias	Towards Virtual Commissioning of Image-Based Information Systems for State Detection in Logistics

Commended Paper Awards

Couzon, Paulin; OUAZENE, Yassine; Yalaoui, Farouk	Joint Pricing and Lot-Sizing Problem with Variable Capacity
Weckenborg, Christian; Spengler, Thomas S.	Assembly Line Balancing with Collaborative Robots under consideration of Ergonomics: a cost-oriented approach
Wu, Tong; Kemper, Maximilian; Stemmler, Sebastian; Abel, Dirk; Gries, Thomas	Model Predictive Control of the Weft Insertion in Air-Jet Weaving
Shen, Bin; Li, Qingying	Green Technology Adoption in Textile Supply Chains with Environmental Taxes: Production, Pricing, and Competition
Disney, Stephen; Ponte, Borja; Wang, Xun	The Nonlinear Dynamics of Order-Up-To Inventory Systems with Lost Sales
Achram, Larry; Alavian, Pooya; Eun, Yongssoon; Meerkov, Semyon M.; Zhang, Liang	Programmable Manufacturing Advisor for Smart Production Systems: Architecture, Analytics, Software, and Performance Demonstration
Tavakoli Kafiabad, Shayan; Kazemi Zanjani, Masoumeh; Nourelfath, Mustapha	Integrated Workforce Training and Operations Planning for Maintenance Service Providers

Vespoli, Silvestro; Grassi, Andrea; Guizzi, Guido; Santillo, Liberatina Carmela	Evaluating the Advantages of a Novel Decentralised Scheduling Approach in the Industry 4.0 and Cloud Manufacturing Era
Lucker, Florian	Using Inventory to Mitigate the Ripple Effect
Klimchik, Alexandr; Pashkevich, Anatol; Chablat, Damien	Stiffness Modelling of NAVARO II Transmission System
Singh, Sube; Barde, Ankit; Mahanty, Biswajit; Tiwari, Manoj K	Digital Twin Driven Inclusive Manufacturing Using Emerging Technologies
Fontana Granotto, Giovanni; Sgarbossa, Fabio; Glock, Christoph; Grosse, Eric	The effect of worker fatigue on the performance of a bucket brigade order picking system
Ait Alla, Abderrahim; Kreutz, Markus; Rippel, Daniel; Lütjen, Michael; Freitag, Michael	Simulation-Based Analysis of the Interaction of a Physical and a Digital Twin in a Cyber-Physical Production System
Caputo, Antonio Casimiro; Pelagagge, Pacifico Marcello; Salini, Paolo	A Methodology to Estimate Resilience of Manufacturing Plants

Best Industrial Paper Awards

Hofmann, Wladimir; Branding, Fredrik

have obtained the Best Industrial Paper Award of IFAC MIM 2019 Conference for the paper

"Implementation of an IoT and Cloud-Based Digital Twin for Real-Time Decision Support in Port Operations"

Moetz, André; Stylos-Duesmann, Philipp; Otto, Boris

have obtained the Best Industrial Paper Award of IFAC MIM 2019 Conference for the paper

"Schedule Instability in Automotive Production Networks: The Development of a Network-Oriented Resequencing Method"

IFAC Young Author

Jury

Chairs:

Enzo Morosini Frazzon (BR)

Eric Grosse (DE)

Members:

Weiwei Chen (USA)

Yuval Cohen (ISR)

Michael Freitag (DE)

Fabio Sgarbossa (NO)

Bin Shen (Jerry) (CN)

Alexander Smirnov (RU)

Boris Sokolov (RU)

IFAC Young Author Award Finalists

Serena Finco

for the paper entitled *Assembly Line Design with Tools Vibration*

co-authored by **Mohammed-Amine Abdous, Daria Battini, Martina Calzavara, Xavier Delorme**

Elluri Vignan Gupta

for the paper entitled *Optimal Control of Production and Maintenance Operations in Smart Custom Manufacturing Systems with Multiple Machines*

co-authored by **Dnyaneshwar Mogale and Manoj K. Tiwari**

Guangchen Wang

for the paper entitled *A Multi-Objective Whale Swarm Algorithm for Energy-Efficient Distributed Permutation Flow Shop Scheduling Problem with Sequence Dependent Setup Times*

co-authored by **Xinyu Li, Liang Gao, and Peigen Li**

Best Paper Award

Hongyan Dai, Jiawei Tao, Hai Jiang, Weiwei Chen

have obtained the Best Paper Award of IFAC MIM 2019 Conference for the paper

"O2O On-Demand Delivery Optimization with Mixed Driver Forces"

presented at IFAC MIM 2019 at Berlin School of Economics and Law, Germany

IFAC MIM 2022

goes to...

NANTES, France

IMT Atlantique
NANTES, France

Tentative dates: June 22– 24, 2022

NANTES, FROM JULES VERNE…