

Conference Chairs

Honorary President

Prof. Dr. Andreas Zaby,
President Berlin School of
Economics and Law (DE)

General Conference Chair

Prof. Dr. Dmitry Ivanov (DE)

IPC Chair

Prof. Dr. Alexandre Dolgui (FR)

IPC members

El-Houssaine Aghezzaf (BE)
Hassane Alla (FR)
Lionel Amodeo (FR)
Ronald Askin (US)
Zbigniew Banaszak (PL)
Natalia Bakhtadze (RU)
Jonathan F. Bard (US)
John J. Bartholdi (US)
Olga Battaia (FR)
Daria Battini (IT)
Wilhelm Bauer (DE)
Lyes Benyoucef (FR)
Bopaya Bidanda (US)
Neila Bhourri (FR)
Sergio Cavalieri (IT)
Felix T.S. Chan (HK)
Long Chen (MO)
Tsan-Ming Choi (HK)
Feng Chu (FR)
Joshua Dayan (ISR)
Stephen Disney (UK)
Alexandre Dolgui (FR)
Peter Fleming (UK)
Enzo Morosini Frazzon (BR)
Michael Freitag (DE)
Stanley Gershwin (US)
Christoph Glock (DE)
Bernard Grabot (FR)
Robert Grubbström (SE)
Dmitry Ivanov (DE)

IPC Vice-Chair from Industry

tbn

General Conference Co-Chair

Prof. Dr. Farouk Yalaoui (FR)

NOC Chair

Prof. Dr. Harald Gleißner (DE)

NOC Vice-Chair from Industry

Arvid Holzwarth, MBA
(SupplyOn, DE)

Zhibin Jiang (CN)
Oleg Gusikhin (US)
Richard Hartl (AT)
Sandra Hirche (DE)
Dimitris Kiritsis (CH)
Chien-Ho Ko (TW)
Holger Kohl (DE)
Andrew Kusiak (US)
Yuri Levin (CA)
Eva Navarro Lopez (UK)
Marco Macchi (IT)
Semyon M. Meerkov (US)
Laszlo Monostori (HU)
Helena Navas (PT)
Andrew Nee (SG)
Mariana Netto (FR)
Shimon Y. Nof (US)
Hervé Panetto (FR)
Kriengsak Panuwatwanich (AU)
Anatoly Pashkevich (FR)
Erwin Pesch (DE)
Christian Prins (FR)
Nidhal Rezg (FR)
Antonio Barros Ruano (PT)
Zaki Sari (DZ)
Boris Sokolov (RU)
Jörn Schönberger (DE)
Frank Schultmann (DE)
Suresh Sethi (US)
Fabio Sgarbossa (IT)

David Simchi-Levi (US)
Alexander Smirnov (RU)
Sarah Spurgeon (UK)
Kathryn Stecke (US)
Gabor Sziebig (NO)
Marco Taisch (IT)
Manoj Tiwari (IN)
Tullio Tolio (IT)
Marcos de Sales Guerra Tsuzuki
(BR)

Francois Vernadat (LU)
Agostino Villa (IT)
Lin Wang (CN)
Georg Weichart (AT)
Frank Werner (DE)
Wilhelm Wilbert (US)
Dash Wu (CA)
Xiolan Xie (FR)
Alice Yalaoui (FR)
Farouk Yalaoui (FR)
Candace A. Yano (US)
Noureddine Zerhouni (FR)



Scientific sponsors

www.ifac-control.org/about/participation

Main Sponsor:



IFAC Technical Committee Main-Sponsor:

IFAC TC 5.2 Manufacturing Modelling for Management and Control

IFAC Technical Committee(s) Co-Sponsor:

- TC 1.3 Discrete Event and Hybrid Systems
- TC 3.2 Computational Intelligence in Control
- TC 4.3 Robotics
- TC 5.1 Manufacturing Plant Control
- TC 5.3 Enterprise Integration and Networking
- TC 5.4 Large Scale Complex Systems
- TC 7.4 Transportation systems
- TC 9.1 Economic, Business, and Financial Systems

IEEE Technical Committee Co-Sponsor:

- SMCS TC Cyber-Physical Cloud Systems

Technical Co-Sponsors:



28/29/30 August 2019
Berlin, Germany
mim2019.hwr-berlin.de

9th IFAC Conference on Manufacturing Modeling, Management, and Control MIM 2019 – Call for Papers

Key dates

31 October 2018
Paper submission deadline

December 2018
Registration opens

20 February 2019
Notification to authors

15 March 2019
Final paper submission deadline

31 March 2019
Early registration rates expire

28/29/30 August 2019
IFAC MIM 2019 Conference in Berlin

The central theme of the 9th IFAC Conference on Manufacturing Modelling, Management and Control MIM 2019 will be

Digital and Resilient Manufacturing Networks 4.0

The aim of MIM 2019 is to bring together researchers and practitioners to present and discuss emerging topics in modern manufacturing modeling, management, and control. MIM'2019 will follow a rich tradition of previous IFAC conferences and symposia in Manufacturing and Logistics held in Germany. IFAC MIM'2019 will focus in particular on the most innovative methods proposed in the last few years in the context of digitalization, risk management, and resilience in production and logistics systems in the 21st century.

All photos in this flyer are property of © visitBerlin, Photographer: Wolfgang Scholvien



The conference will cover all topics related to specification, design, implementation and operation of modern manufacturing systems, including (but not limited to) the following:

- Design and reconfiguration of manufacturing systems
- Facility planning and materials handling
- Industry 4.0 systems
- Inventory control, production planning and scheduling
- Risk management, resilience and flexibility
- Pricing and outsourcing
- Logistics, supply chains and networks
- Supply network dynamics and control
- Control theory applications to production systems and supply chains
- Market responsive supply chains
- Enterprise modelling, integration and networking
- Information, systems, control and interoperability
- Information management for the Net-enterprise
- Modeling, simulation, control and monitoring of manufacturing processes
- Robotics in manufacturing
- Intelligent manufacturing systems
- Intelligent transportation
- Service oriented architecture for production management and control
- Knowledge management in production
- Fostering innovation in manufacturing
- Monitoring, diagnosis and maintenance of manufacturing systems
- Complex adaptive systems and emergent synthesis in manufacturing
- Web-enabled manufacturing control and wireless automation
- Design for reusability
- Maintainability, reliability, safety and dependability of production systems
- Quality management
- Virtual reality
- Sensor networks, ubiquitous computing, active identifiers, wireless communication in manufacturing
- Distributed systems and multi-agents technologies
- Discrete event systems in manufacturing
- Simulation technologies
- Operations Research
- Probabilistic models in industrial plant control
- Industrial and applied mathematics for production

Call for Invited sessions and tracks:

Invited sessions consist of 5-6 papers of the regular format focusing on targeted subjects and presenting a unifying theme. Invited session organizers should submit an abstract that summarizes the aim and the content of the invited session. A code will be assigned to such a session. The invited author should submit their papers by using this code. If at least 5 papers are accepted, the session is included in the conference program as an invited session. If an invited session is not accepted, accepted papers submitted to this session will be included in regular sessions. Invited sessions, grouped together in a track must be submitted independently. The track chairs are asked to contact the organizers prior to session proposal submissions.

Call for Contributed Papers

Authors may submit a contribution independently of invited sessions. They are invited to submit papers (6 pages) reporting original research of theoretical or applied nature as contributed paper. All paper submissions as well as Invited Session Proposals must be electronically submitted through the PaperPlaza Conference Manuscript Management System. Post-conference Proceedings will be published in IFAC-PapersOnLine (Elsevier). Special issues are planned in a number of prestigious International Journals.

Conference Web Site

For latest and additional information, please visit mim2019.hwr-berlin.de

