

**Open Invited Track on “Operations Management and Risk Analysis”  
for IFAC MIM 2019**

**Invited track identification code**  
IFAC MIM 2019, August 28-30, 2019, Berlin, Germany

<https://ifac.papercept.net/>

**Track Chairs:**

- *Prof. Dr. Desheng Dash Wu, University of Chinese Academy of Sciences and University of Toronto Risk Lab.*
- *Dr. Shulin Lan, University of Chinese Academy of Sciences., PR. China*

*Current research in operations management and risk analysis has been increasingly focused on the issues of risk analysis and decision making in uncertainty. It has been accepted by research community that the effects of various sources of uncertainty should be considered during information management, operations management and risk analysis as well as decision making. The research focus is now shifting to a paradigm that operational risk management is a practical approach to intelligent data analysis that provides practical and tested methodologies for combining structured and unstructured, semantic-based data, as well as numeric data.*

*This proposal aims to summarize recent developments in the field of operations management and risk analysis from a multi-disciplinary operational perspective that helps to identify and understand the risks, further manage these risks, and minimize their impact on our operations. The aim of this session is to attract high-quality papers detailing the most recent developments in the field of operations management and risk analysis. We also welcome quantitative analysis contributions from different disciplines of operational research, control theory, system dynamics, and artificial intelligence that provide new insights into the theory and practice of operations management and risk analysis.*

**Track topics:**

The session chairs invite researchers, scholars and decision-makers from academia, industry, and government to contribute theoretical and applied research papers in areas including but not limited to the following topics:

*Information management, Operations management and operations optimization, Trade-off “risk vs. return” in Operations management, Decision making in uncertainty, Risk management and risk optimization, Risk analysis, Data analysis techniques for risk management, Differential Games, Production-Inventory Control, Optimal Control Theory, Model-Predictive Control, Adaptive Control; Agent-based Simulation.*

**Submission**

For author guidelines, please refer to [www.ifac-control.org](http://www.ifac-control.org). All papers must be submitted electronically using Symposium Manuscript Management System (CMMS). All papers must be prepared in a two-column format in accordance with the IFAC manuscript style. Please use the official IFAC instructions and template to prepare your contribution as full-length draft paper and submit it online by December 15th, 2018. Submission details are available on the symposium website. All submissions must be written in English. All papers that conform to submission guidelines will be peer-reviewed by IPC members. The corresponding author submits the paper online (pdf format) as **an open invited session paper**. Several international journals are associated with the MIM 2019 for publication of special issues.

**Important dates:**

December 15, 2018	Deadline for the submission
February 20, 2019	Notification of acceptance/rejection
March 15, 2019	Deadline for the final submission