

## Open Invited Track on "Supply Chain Risk Management" for IFAC MIM 2019

Invited track identification code **7w51d**  
IFAC MIM 2019, August 28-30, 2019, Berlin, Germany

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

### **Track Chairs:**

- Prof. Dr. Alexandre Dolgui, IMT Atlantique, FRANCE
- Prof. Dr. Dmitry Ivanov, Berlin School of Economics and Law, GERMANY
- Prof. Dr. Srinivas Talluri, Michigan State University, USA
- Prof. Dr. Christopher Tang, UCLA, USA

**A Special Issue in International Journal of Production Research will be associated with this Track. Track Chairs will invite the selected papers presented at the MIM 2019 to submit to the Journal. The papers for the Journal must make an additional contribution, they must cite the conference paper and explicitly state what the additional contribution is.**

*Current research in supply chain management and engineering has been increasingly focused on the issues of risk management. It has been accepted by research community that the effects of various sources of uncertainty should be considered during both supply chain design, planning and execution control. In addition, the issues of behaviour prediction and adaptation become more and more important. The research focus is now shifting to a paradigm that the performance of supply networks is interrelated to their resilience.*

*This Open Invited Track aims to summarize recent developments in the field of supply chain risk management from a multi-disciplinary operational perspective that includes different quantitative methods and information technology. The aim of this session is to attract high-quality papers detailing the most recent developments in the field of tackling uncertainties, dynamics, and disruptions in the supply chain. We welcome quantitative analysis contributions from different disciplines of operational research, control theory, system dynamics, and empirical research that provide new insights into the theory and practice of supply chain risk management.*

### **Track topics:**

The track chairs invite scientists, engineers and decision makers from government, industry and academia to contribute theoretical and applied research papers in areas including but not limited to the following topics:

*Supply chain risk management and control, Supply chain design with resilience and business continuity considerations, Trade-off "resilience vs. efficiency" in supply chain optimization, Ripple effect and bullwhip in the supply chain, Supply chain robustness and stability analysis, Planning supply chain performance under uncertainty, Creating flexibility and adaptability in the supply chain, Supply chain visibility and monitoring process execution in the supply chain, Quantitative analysis techniques for supply chain control, Analytics, Optimization and Simulation, Game theory, Empirical Research, Control theory.*

### **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 15, 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 track paper**. Submission as an invited paper requires the **open invited track code 7w51d**. Several international journals are associated with the MIM 2019 for publication of special issues.

### **Important dates:**

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