Invited Session on "Coordinated Logistics and Supply Chain Optimization" for MIM 2013

Invited session identification code xetw5

MIM 2013: IFAC Conference on Manufacturing Modelling, Management, and Control

June 19-21, St. Petersburg, Russia

http://mim2013.org/

https://ifac.papercept.net/

Session Chairs:

- *Prof. Dr. Dmitry Ivanov, Berlin School of Economics and Law, GERMANY*
- *Prof. Dr. Alexandre Dolgui, Ecole Nationale Supérieure des Mines de Saint-Etienne, FRANCE*
- *PD Dr. Jörn Schönberger, University of Bremen, GERMANY*
- *Prof. Dr. Herbert Kopfer, University of Bremen, GERMANY*

Recent research in logistics and supply chain management has been increasingly focused on the issues of decentralized coordinated decision-making under uncertainty. It has been accepted by the research community that decentralization, coordination, and autonomous behaviour may significantly influence logistics and supply chain performance. After long-lasting research on increasing supply network agility, speed, and performance, the research focus is now shifting to a paradigm that the performance of supply networks is to interrelate to dynamics, adaptability, stability, resilience, and crisis-resistance.

The aim of this session is to present new approaches and methods for tackling decentralized coordinated decision-making and intelligent information and product technologies in the problems of supply network (re)synthesis and analysis.

Track topics:

The session 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 Network Design, Logistics; Planning and Scheduling; Supply Chain Adaptation, Inventory Control, Autonomous Systems, Complex Adaptive Systems, Optimal Control Theory, Model-Predictive Control, Adaptive Control, Stability Analysis, Robustness and Resilience; RFID and Event Management Systems, Applications and case studies.

Submission

For author guidelines, please refer to **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. 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 **a special session paper**. Submission as an invited paper requires the **invited session code (xetw5).** Several international journals are associated with the symposium for publication of special issues.

Important dates:

October 1, 2012	Deadline for the submission
February 1, 2012	Notification of acceptance/rejection
April 15, 2012	Deadline for the final submission