

Working group 1

Supply network engineering

- **Chairs : Jean-Claude Hennet and Dmitry Ivanov**

was previously conducted by A. Dolgui

- **Objectives :**

- consolidate the scientific community on supply network engineering
- promote new approaches to
 - supply chain disruption management and control
 - supply network stability, robustness, and adaptation
 - decentralized control and monitoring of supply networks
 - combine tools from the control and the OR communities
 - innovative modeling frameworks such as Game Theory and Multi-objective optimization.

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- **Current activities**

- **Involvement in IFAC – MIM 2013, St Petersburg**

- Organisation of track Supply Chain II (6 special sessions)

- Organization of special sessions :

- Coordinated Logistics and Supply Chain Optimization

- Supply Network Optimization and Control I

- Supply Network Optimization and Control II

- **Edition of a book (Springer) to be published in 2013**

Applications of Multi-criteria and Game Theory Approaches: Manufacturing and Logistics”. Springer Series in Advanced Manufacturing, (Springer), L. Benyoucef, J.C. Hennet and M.K. Tiwari (Eds)

- **Organization of special issues in journals**

- International Journal of Integrated Supply Management (Special Issue on Intelligent Information and Product Technologies for Supply Chain Integration), to be published in Summer 2013, Guest Editors Prof. Dmitry Ivanov and Prof. Alexandre Dolgui

- Special Issue on Supply Chain Disruption Management, based on Special Sessions at MIM 2013, INCOM 2012, and Track Supply Chain Optimization at EURO-INFORMS 2013