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The general theme of the 8th IFAC Conference on Manufacturing Modelling, Management and Control is “Optimization and Systems Science for Risk Management and Disruption Recovery Control”. The conference will focus in particular on the most innovative methods proposed in the last few years in the context risk management, resilience, and disaster recovery control in the 21st century. Also other subjects will be considered, e.g. human and organization research, optimizations with specific society constraints, and new technologies impact on decision tools. The technical topics include, but are not limited to:

- Design and reconfiguration of manufacturing systems
- Facility planning and materials handling
- Inventory control, production planning and scheduling
- Pricing and outsourcing
- Supply chains and networks
- Enterprise modelling, integration and networking
- Information management for the Net-enterprise
- Modeling, simulation, control and monitoring of manufacturing processes
- Robotics in manufacturing
- Smart manufacturing systems
- Smart 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, wireless communication in manufacturing
- Distributed systems and multi-agents technologies
- Discrete event systems in manufacturing
- Simulation technologies
- Operations Research
- Probabilistic & statistical models in industrial plant control
- Industrial and applied mathematics for production
- Sensor network optimization

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### Important Dates

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- Draft papers submission deadline: **October 1, 2015**
- Notification of acceptance: **February 1, 2016**
- Registration: **March 31, 2016**

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