

Special session**Deadline: 15 May 2020****Title:***Risk management in logistics***Organised by:**

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Abstract:

Nowadays, competition between enterprises is pushing the majority of them to continuously improve their ways to address increasingly complex logistics related problems in terms of risk management with respect to order fulfilment, particularly production, transportation and maintenance. Achieving the required levels of order fill and on time delivery rates require very high levels of availability of the production, handling, and transportation equipment. Hence, companies are looking for more comprehensive approaches to help them better identify and manage the operational and environmental risks throughout their supply chain.

The objective of this special session consists in discussing the scientific challenges and the needed improvements related to risk management in logistics. We aim at treating during the same session problems including, but not limited to, integrated maintenance strategies, vehicle routing problems with unreliable vehicles, risk assessment in presence of unreliable resources throughout the supply chain, etc. This session will motivate an exchange of ideas between practitioners and researchers involved in risk management in all kind of issues related to logistics.

List of topics:

Logistics, Risk management, Supply Chain Management, Warehouse Management, Optimization in logistics and transport, Reliability and maintenance, Optimal integrated maintenance strategies, Vehicle routing with unreliable vehicles, etc.

Keywords:

Risk analysis, Unreliable vehicles, Logistics, Optimization, Maintenance strategies.