

Invited Session Proposal for MIM 2019

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Title: IoT and Smart Supply Chain Management

Objective: This session aims to provide the opportunity for academics and practitioners to share the latest development on IoT and smart supply chain management, and develop new ideas and research collaborations. The potential good work (with extension) will be recommended to the special issue of the related journals.

The session consists of at least three presentations by active researchers. The topics expect cover (but not limited to)

- IoT based supply chain and logistics
- Smart logistics and supply chains in Industry 4.0
- Data-driven analysis and optimization methods
- Applications in manufacturing and healthcare

I have contacted several potential speakers from Canada, China, and Euro, who work on the related topics.

As the proposer, I have conducted some research and applications on the topics, such as Smart Supply Chain Management in Industry 4.0 (a paper under review), RFID based smart warehouse for Dainty Foods, RFID based VMI location-inventory model, RFID based container supply network for FCA, data driven optimization method a mixed integer nonlinear programming, and so on. I also have been invited to present the related work in several international conferences as a keynote speaker.