

Invited Session on: “Inventory Management and Applications” for IFAC MIM 2019

IFAC MIM 2019, August 28-30, 2019, Berlin, Germany
<https://ifac.papercept.net/>

Session Chairs:

- *Prof. Dr. Evren Sahin, Laboratoire Génie Industriel, CentraleSupélec, University of Paris Saclay, FRANCE, evren.sahin@centralesupelec.fr*
 - *Prof. Dr. Ziad Jemai; National Engineering School of Tunis, University of Tunis Elmanar; TUNISIA, zied.jemai@ecp.fr*
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Inventory management is crucial in today's supply chains that are subject to variable and uncertain customer demand. It mainly aims at deciding: what, when and how many products to order/produce.

Considerable research has been developed in the area of inventory management during the last decades. The existing research covers several areas of inventory control and modeling such as deterministic and stochastic models, single and multi-item models, single and multi-echelon models, etc. However, despite the many contributions in the relevant literature, there are still many new and unresolved issues for both researchers and practitioners.

Session topics:

The organizers of this special session would like to invite researchers and industrials to contribute theoretical and applied research papers in areas including, but not limited to the following topics:

- Inventory control for production and/or distribution systems
- Multi item inventory control
- Multi echelon inventory control
- Inventory management in decentralized supply chains
- Perishable products inventory control
- Spare parts inventory control
- Inventory control for intermittent demand
- Impacts of new technologies on inventory control performances
- DDMRP
- Applications of inventory control

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 an invited session paper.

Important dates:

- December 15, 2018 : Deadline for the submission
- February 20, 2019 : Notification of acceptance/rejection
- March 15, 2019 : Deadline for the final submission