

IFAC Conference on Manufacturing Modelling, Management and Control

June 19-21, 2013, Saint Petersburg, Russia

Call for Papers for a special session on 'Forecasting and Inventory Control'

Session chairs: Dr. Mohamed Zied Babai (BEM-Bordeaux Management School, France)

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Description:

Demand forecasting is the basis for planning and control activities within supply chains and it drives decision making for both products and services, from the strategic to the operational level. It should be noted that, at the operational level, demand forecasting is also a crucial input to all decisions in inventory management, especially in an environment increasingly marked by a variable and an uncertain customer demand. In this context, demand forecasting and inventory management represent nowadays challenging tasks and their improvement is a key to a higher customer satisfaction and cost reduction within supply chains.

Considerable research work has been developed in this area during the last decades. This work aims for example at proposing new forecasting methods and inventory policies and at evaluating their performances. However, despite the many contributions in the relevant literature, there are still many unresolved issues, that both researchers and practitioners should consider.

There will be a dedicated session on 'forecasting and inventory control' in the forthcoming IFAC Conference on Manufacturing Modelling, Management and Control. The organisers would like to invite theoretical and/or empirical contributions that advance the current state of knowledge in this area. The session addresses issues related to various aspects of forecasting and inventory research. Potential topics include, but are not limited to:

- Statistical and Judgmental Forecasting
- Forecast Accuracy and Performance Measures
- Forecast Support Systems (FSS)
- Forecasting for Inventories
- Inventory Management.
- Mathematical Models of Inventories
- Economics of Inventories

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For author guidelines, please refer to <http://www.mim2013.org>

Important date: November 16, 2012: deadline for invited paper submission

February 1, 2013: notification of paper acceptance/rejection

April 15, 2013: final papers submission and early registration