

Information Systems, Logistics and Supply Chain

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

Session chairs:

- Prof. Mohamed Zied Babai (Kedge Business School, France)
- Prof. Aris Syntetos (Cardiff University, United Kingdom)

Description:

Demand forecasting is the basis for planning and control within supply chains and it drives decision making for both products and services, from the strategic to the operational level. At the operational level, demand forecasting is also a crucial input to all decisions in production and inventory management, especially in an environment increasingly marked by variable and uncertain customer demand.

Considerable research work has been developed in the area of supply chain forecasting during recent decades. Examples include the work on forecasting and bullwhip effect in supply chains, forecasting of slow moving and intermittent demand, the interaction between forecasting accuracy and inventory performance, the interface between forecasting and demand information sharing, etc. However, despite the many contributions in the relevant literature, there are still many unresolved issues for both researchers and practitioners.

There will be a dedicated session on 'Forecasting and inventory control' in the forthcoming ILS 2016 Conference. 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 supply chain forecasting and inventory control. 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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