

Special Session on
“Production planning and Inventory control under
demand, yield and lead time uncertainties”
for **MOSIM’10**

May 10-12, 2010 - Hammamet, Tunisia

<http://www.enim.fr/mosim10>

Session Chair(s)

- Prof. **Alexandre Dolgui**, Ecole des Mines de Saint Etienne, France
- Associate Prof. **Faïcel Hnaïen**, Université de Technologie de Troyes, Troyes, France

Session Description

The objective of this Invited Session is performing a review on this topic, more particularly on advanced production planning and inventory control models under demand, yield and lead time uncertainties.

Production planning and inventory control decisions are related to the following questions:

- Which are the optimal moments and the optimal quantities to order?
- Which product to manufacture, when and how much?
- Which demands to satisfy, with which products and which quantities?

Session Topics

The session topics are:

- stochastic customers’ demand
- stochastic suppliers’ lead time
- stochastic yield.
- Newsboy model.
- forecasting methods,
- fuzzy logic,
- neural networks
- Artificial Intelligence techniques for production planning and inventory control.

Submission: Authors are requested to provide a full paper of 10 pages maximum written in English or French, in accordance with the template format of the conference. The authors are requested to submit their draft papers online and select the proper special session at <http://www.enim.fr/mosim10>

Important dates:

October 31st, 2009: deadline for paper submission

January 29th, 2010: notification of acceptance/reject

February 26th, 2010: deadline for final paper submission