

Inventory Management and Modeling for Perishable Products

Session organizers: Dr. Rene Haijema, Rene.Haijema@wur.nl

Contributions should focus on the use of quantitative methods to analyze, simulate, or optimize a supply chain of perishable or ameliorating products in a broad sense (e.g. fresh agricultural/food products, chemicals, pharmaceuticals (blood products and medicines), fashion and electronics that depreciate in value as new versions are launched).

The session welcomes contributions on:

- (quantitative) empirical research that contributes to model development and use,
- models to assess quantitatively the performance of an inventory system/a supply chain,
- models to optimize an inventory system/a supply chain.

Contributions should concern one or more perishable or ameliorating products, and should focus on the use of quantitative methods to analyze, simulate, or optimize a supply chain.

Topics of interest include, but are not limited to:

- empirical or model-based performance assessment of inventory systems
- use of big data in inventory management
- retail inventory management,
- consumer behavior: product selection, substitution, discounting, etc.
- resource and production planning: sourcing, replenishment, lot sizing, etc.
- distribution and supply chain management,
- inventory routing problems, VMI and related concepts
- transportation of rolling/floating stock

If you are interested in joining these sessions, then please do the following.

- Send me an email so that I know that you will submit an abstract (Rene.Haijema@wur.nl). If you are not sure whether your topic would fit, then please send me an abstract on the basis of which I can form an opinion.
- You submit your abstract via the web site for the ISIR conference: <http://www.isirsymposium.hu/>. When you submit you can denote that you want to join the sessions on Inventory Management and Modeling for Perishable Products.

Abstract submission deadline: March 31, 2016.

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