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Special issue on Control and management of logistic systems based on information technologies

Minimizing the use of resources in manufacturing and distribution serves as a major motivation behind modern advanced logistic systems. With significantly growing worldwide presence companies as well as the increasing diversity of storage and transportation modes, modern logistic processes become more and more complicated and the modeling as well as potential control and management tasks become challenging nowadays. Optimization, planning, and control of advanced logistic systems based on information technologies have received more attention both from academic and industrial domains. However, a number of issues such as analytical modeling of advanced logistic systems, key performance prognosis, and optimization strategies under limited resources still require in-depth investigation.

The primary objective of this Special Issue is to provide a forum for researchers and practitioners to exchange their latest achievements and to further identify critical issues and challenges from academia and industry. Submissions are expected to provide innovative models, analytical explorations as well as advanced strategies. Topics include, but are not limited to, the following research areas:

- Modeling and verification for advanced logistic processes;
- Key performance prognosis and forecasting;
- Optimization of logistics systems under competition;
- Recent advances on control and monitoring technologies for logistic systems;
- Advanced management strategies and industrial case studies;

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Important dates

- Manuscript Due: September 15, 2015
- First Decision Date: December 30, 2015
- Revision Due: January 31, 2016
- Second Revision and Second Decision: February 01, 2016
- Final Decision: March 31, 2016
- Publication: September/October 2016 (planned)

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