

CALL FOR PAPERS

Stochastic Models of Manufacturing and Service System Operations

Special volume of the *Annals of Operations Research*

Purpose

The purpose of this volume is to present innovative results in the area of stochastic models of manufacturing and service system operations. A number of new results in this area have been recently reported at the Seventh International Conference on “Stochastic Models of Manufacturing and Service Operations,” Ostuni, Italy, 7-12 June 2009 (<http://smmso.unile.it/>). We believe that wider dissemination of these results, along with those obtained by other researchers in this field, will benefit the community of both theoreticians and practitioners. This special volume is intended to accomplish this goal, and all members of the community are invited to submit a paper. The contributions will be reviewed in accordance with the standard *Annals of Operations Research* procedures. Manuscripts must be submitted online to the journal’s editorial management system. For instructions for authors please go to <http://www.springer.com/journal/10479>. When submitting your paper, you will be asked to select an article type. Please select "SI: Manufacturing & Service System Ops" so that your paper will be directed to the editors.

The main theme of this volume is manufacturing system operations. The term “service system operations” is intended to refer mainly to functions that are supportive of manufacturing system operations (e.g., quality control, maintenance, setup changes, material handling, inventory control and logistics, etc). Manuscripts that focus on the integration of such functions with manufacturing system operations are particularly welcome. Manuscripts that focus on the operations of other non-manufacturing related service systems will also be considered as long as they demonstrate that these operations are strongly related to manufacturing system operations in terms of their characteristics and the methodologies used to analyze them.

Indicative Topics:

- Stochastic modeling and analysis of manufacturing systems
- Design and optimization of manufacturing systems
- Facilities planning and material handling systems analysis
- Production planning, management, and control
- Analytical approaches to logistics and supply chain management
- Integrated productivity and quality models, and their analysis

Important dates

- Intent to submit: December 15, 2009 (communicate your intent to submit to any of the special volume editors listed below)
- Manuscript submission deadline: March 1, 2010
- Notification of disposition of the manuscript: July 1, 2010
- Final revisions due: October 1, 2010
- Anticipated on-line publication date: Within one month of acceptance.

Special Volume Editors

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