

CALL FOR PAPERS

Special Issue 'New Developments in Scheduling and Manufacturing' in
International Journal of Production Research

Special Issue Editors:

Dirk Briskorn, University of Siegen, Germany

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This special issue is inspired by a track with the same title organized by the guest editors at the 14th IFAC Symposium on Information Control Problems in Manufacturing which took place in Bucharest (Romania) from May 23 - May 25, 2012. The issue intends to give the state-of-the-art of scheduling research that satisfies practical needs of modern manufacturing and resource planning. Interdisciplinary methodologies may be given, based on advanced scheduling and combinatorial optimization techniques, in order to provide efficient solution procedures for practical scheduling problems. The aim of this issue is to attract high-quality papers representing the most recent developments of models and solution techniques used for scheduling in manufacturing systems which include parallel as well as multi-stage facilities, coordinating scheduling with transportation decisions, and scheduling in segments of a supply chain. Submitted papers have to comply with the philosophy of the journal. Potential topics include but are not limited to:

- grouping and sequencing operations in multi-stage systems
- scheduling in flexible shops
- scheduling with precedence constraints, batching/lot sizing, setups and further technological constraints either with a single (regular or non-regular) and multi-criteria objectives
- scheduling heuristics
- scheduling under uncertainty
- scheduling in segments of a supply chain

As well as the participants of the Symposium mentioned above, the wider community of the operations research society is invited to submit their latest results in the above or closely related areas.

Refereeing process:

Authors should submit their paper via <http://mc.manuscriptcentral.com/tprs> and select "Special Issue: New Developments in Scheduling and Manufacturing" when asked to indicate the "Manuscript Type" in the submission process. It is recommended that a paper does not exceed 6000 words. Submitted papers must not have been previously published nor be currently under consideration for publication elsewhere. Refereeing and the selection of papers will be carried out according to the standards of *International Journal of Production Research*.

Important Dates:

Deadline for submissions: December 31, 2012.

Notification of acceptance: November 1, 2013.

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