Proposed by:

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Short presentation:

The track presents state-of-the-art of scheduling research that satisfies practical needs of modern manufacturing and resource planning. Interdisciplinary methodologies may be presented, based on advanced scheduling and combinatorial optimization techniques, in order to provide efficient solution procedures for practical scheduling problems.

It brings together experts to exchange recent developments of models and solution techniques used for scheduling and manufacturing systems which include single-stage as well as multi-stage facilities, coordinating scheduling with transportation decisions, and scheduling in segments of a supply chain.

We encourage both, practitioners and members of the scientific community alike, to submit real world case studies and theoretical papers considering modern manufacturing systems.

The track includes (but is not limited to):

- grouping and sequencing operations in multi-stage systems
- scheduling in flexible shops
- scheduling with precedence constraints, batching, setups, maintenance activities, and further technological constraints either with a single (regular or non-regular) and multi-criteria objectives
- robust scheduling
- scheduling heuristics
- scheduling in segments of a supply chain.

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Important Dates

- Full Paper Submission: November 18, 2011
- Notification of Acceptance: January 10, 2012
- Final Paper Submission: February 24, 2012

For author guidelines, please refer to http://www.incom12.ro