Special track on
"Scheduling in Manufacturing Systems"
for INCOM2009
June 3-5, 2009, Moscow, Russia
http://incom09.org/
http://ifac.papercept.net/

Track Chairs:

- Prof. Alexander A. Lazarev, Institute of Control Sciences, Moscow, Russia, jobmath@mail.ru

- Prof. Vincent T'Kindt, University of Tours, Tours, France, tkindt@univ-tours.fr

- Prof. Frank Werner, Otto-von-Guericke-University, Magdeburg, Germany,
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The track tries to give the 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.
This track intends to bring together experts to exchange recent developments of models and solution techniques used for scheduling manufacturing systems which include parallel as well as multi-stage facilities, coordinating scheduling with transportation decisions, and scheduling in segments of a supply chain.
The track encourages submissions both from practitioners presenting real case studies and from the scheduling community that deals with modern manufacturing systems.

Topics:
The topics to this invited track are include but are not restricted to:

- hybrid systems

- grouping and sequencing operations in multi-stage systems

- scheduling with precedence constraints batching, setups and further technological constraints either with a single (regular or non-regular) and multi-criteria objectives

- scheduling heuristics

- robotic cells

- scheduling in parallel computing and GRIDs

- scheduling for segments of a supply chain

Submission:
The special track encourages not only formal academic paper, but also scientific contributions describing real case studies in the field of Scheduling.
Submitted papers (6 pages in IFAC double column format) will be reviewed by at least two referees (see http://ifac.papercept.net/). Both academic and industrial oriented communications will be considered. All papers accepted for presentations will appear in the preprint of the Symposium and will be distributed to the participants. Papers duly presented at the Symposium will be archived in the form of Proceedings published at IFAC-PapersOnline.net by Elsevier. Further submission instructions are available on the IFAC website http://www.ifac-control.org/. Several international journals are associated with the Symposium for publication of special issues.
For a submission to this Track, please use "invited paper" option of the system, and then assign the paper to the invited session **Scheduling in Manufacturing Systems** (the code **iE5jY**).

Important dates:
November 15, 2008: deadline for paper submission
January 6, 2009:   notification of acceptance/reject
March 15, 2009:   deadline for final paper.