

*Special Track on Enterprise Integration and Networking
CALL for papers Invited Session*

Interoperability Challenges in Enterprise System Engineering

Organisers

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Session outline

Today enterprise as a business may be possibly characterized by several words: globalisation, distributed manufacture chain, data and knowledge management and so-called intelligence, advanced automation and robotics, product cost reduction, short response for market today and future needs and more. The enterprise effectiveness improvement is resulting with overlooking new methods and tools supporting existing business reconfiguration and transformation both locally and globally.

The aim of this Invited Session on Interoperability Challenges in Enterprise System Engineering (ICESE) is to present today state of art and techniques involved in manufacturing engineering activities in practice and to identify their needs for coming future with the objective to facilitate enterprise systems interoperability. A particular attention will be made to engineering methods and tools (solutions) make easily possible enterprise system (operation potential including people, hardware, software, and environment) interoperability (directed manufacture chains reconfiguration and transformation) results new challenges and society needs.

Session topics

The session is addressing to all kinds of enterprise. The list of suggested *topics*, which is not exhaustive, is as follows:

- *Enterprise as an evolution target oriented system*
- *Challenges in modern enterprises integration and networking*
- *Product and process oriented enterprise interoperability*
- *Transportation in enterprise interoperability process*
- *Advanced technology in enterprise interoperability*
- *Methods and tools supporting enterprise system quality improvement*
- *Methodology of safety, reliability and availability in enterprise improvement*
- *Cost oriented enterprise interoperability*

Submission

Submitted papers (6 pages in IFAC double column format) will be reviewed by at least two referees, see submission site <http://ifac.papercept.net/>. Both academic and industrial oriented papers will be considered. All papers accepted for presentation will appear in the Preprints and will be distributed to the participants. Papers 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 www.ifac-control.org. Several international journals are associated with the symposium for publication of special issues.

Important dates:

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