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INVITED SESSION ON

Next Generation Networked Enterprises Models and Toolkits (Code 52IC1)

Sponsored by

IFAC TC 5.3 “Enterprise Integration and Networking”
IFIP TC 5 WG5.5 “Co-operation Infrastructure for Virtual Enterprises and Electronic Business”
SOCOLNET Scientific Society of Collaborative Networks

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Enterprise Architectures, Enterprise Frameworks, Enterprise Reference Models

Scope: The Network-driven Economy is facing to a paradigm change in what an enterprise is. New enterprise organizational models have emerged in recent years, such as: extended enterprises, concurrent enterprises and dynamic virtual enterprises, among others. As a result, different scientific disciplines have studied these new organizational forms and have proposed new reference models, standards and architecture in order to provide common bases for traditional enterprises to evolve into networked enterprises. Nevertheless, most of these reference models and architecture have shown in practice that they are incomplete and lack of engineering processes and assisting means: instantiation methodologies and supporting tools, to guide enterprises in an evolutionary approach towards an agile, lean, virtual and collaborative enterprise model.

This Invited Session on **Next Generation Networked Enterprise Models and Toolkits** focuses on increasing traditional enterprises' readiness to evolve into networked enterprises by offering a set of enterprise engineering best practices and reference models to support the development, understanding and management of these new organizational forms. Authors are invited to submit original contributions on all aspects of enterprise reference models and architecture, including but not limited to:

- Networked Enterprise Reference Models, Architecture and Frameworks
- Reference Ontology for Networked Enterprises
- Enterprise Integration in Networked Enterprises
- Systems-of-Systems in the context of Networked Enterprises
- Interoperability in the context of Networked Enterprises
- New Networked Enterprise Business Models
- New Networked Enterprise Modelling Techniques
- Networked Enterprise Collaboration Capability Models
- ICT Infrastructures/Platforms for Networked Enterprises
- Simulation and Serious Gaming Models for Networked Enterprises

Prospective authors are invited to contact the organizers by sending them an email before **July 31st, 2010** with the title of the paper, the authors' names and affiliation and 10 lines abstract. Papers submissions will be due before **September 30th, 2010** through the conference submission platform, selecting the session title.

Distinguished papers based on their fast-track review and oral presentation will be selected and published in an extended journal article form as part of a special issue.

