



UNIVERSIDAD
POLITECNICA
DE VALENCIA



Call For Papers

International Workshop on Enterprise Interoperability (IWEI'2009)

13th and 14th October 2009, Valencia, Spain

Organised by IFIP WG5.8 on Enterprise Interoperability,
In cooperation with INTEROP-VLab

SCOPE

One of the trends in the global market is the increasing collaboration among enterprises. Constant changes in inter- and intra-organisational environment will persist in the future. Organisations have to flexibly and continuously react to (imminent) changes in markets and trading partners. Large companies but also SMEs have to cope with internal changes from both a technical (e.g. new information, communication, software and hardware technologies) and an organisational point of view (e.g. merging, re-organisation, virtual organisations, etc.). In this context, the competitiveness of an enterprise depends not only on its internal performance to produce products and services but also on its ability to seamlessly interoperate with other enterprises. External and internal collaborative work needs more interoperable solutions.

This workshop aims at identifying and discussing challenges and solutions with respect to enterprise interoperability, both at the business and the technical level. The workshop promotes the development of a scientific foundation for specifying, analysing and validating interoperability solutions; an architectural framework for addressing interoperability problems from different viewpoints and at different levels of abstraction; a maturity model to evaluate and rank interoperability solutions with respect to distinguished quality criteria; and a working set of practical solutions and tools that can be applied to interoperability problems to date.

TOPICS OF INTEREST

Original submissions, with explicit contributions to Enterprise Interoperability, are invited from both researchers and practitioners in the following (non-exhaustive) list of topics:

- ODP and enterprise interoperability;
- SOA and enterprise interoperability;
 - interoperability through service discovery and composition;
 - orchestration of services;
 - mediation between services;
- MDA and enterprise interoperability;
 - computation-independent interoperability models;
 - platform-independent interoperability models;
 - model-to-model transformations;
- other reference models and architecture approaches;
- enterprise architecture and enterprise modelling;

- middleware and infrastructure approaches to facilitate and enhance interoperability;
- business-IT alignment for interoperability;
- reference ontology and mapping mechanisms;
- self-organisation and adaptation for interoperability;
- semantic annotations for information interoperability;
- coordination and negotiation in networks of businesses;
- cross-organizational business processes;
- maturity models and quality criteria for evaluating interoperability solutions;
- modelling, analysis and validation of interoperability;
- non-functional aspects of interoperability, such as privacy, QoS, and reputation;
- interoperability requirements, approaches and solutions in specific sectors
- case studies and experience reports on interoperability solutions.

IMPORTANT DATES

Paper submission due: **30 May 2009**

Notification to authors: 10 July 2009

Camera ready due: 27 July 2009

Workshop: 13 and 14 October 2009

SUBMISSION GUIDELINES

The workshop welcomes submissions of full papers (8 to 12 pages long) and position papers (around 4 pages) in the IEEE Computer Society format. All submissions will be formally peer reviewed by at least three reviewers.

Accepted papers will be published on-line in the IEEE Digital Library and in print by the University of Twente as part of the CTIT Workshop Proceedings Series (ISSN 1381-3625). At least one author of each accepted paper should participate in the workshop.

Submissions should be uploaded to the IWEI09 site: www.iwei.info

WORKSHOP ORGANISATION

Organising Committee

Poler, Raul (Polytechnic University of Valencia, Spain)

van Sinderen, Marten (University of Twente, Netherlands)

Sanchis, Raquel (Polytechnic University of Valencia, Spain)

International Program Committee (to be confirmed)

Bernard, Scott, Carnegie Mellon University, Syracuse University, USA

Chalmeta, Ricardo, University of Jaume I, Spain

Chen, David, Université Bordeaux 1, France

Davidsson, Paul, Blekinge Institute of Technology, Sweden

Doumeingts, Guy, INTEROP-VLab/GFI, France

Ducq, Yves, Université Bordeaux 1, France

Fischer, Thomas, University of Stuttgart and the Otto Beisheim School of Management, Germany

Goncalves, Ricardo, New University of Lisbon, UNINOVA, Portugal

Johnson, Pontus (Royal Institute of Technology, Sweden)
Kalinichenko, Leonid, Russian Academy of Sciences, Russian Federation
Kassel, Stephan, University of Applied Sciences Zwickau, Germany
Kosanke, Kurt, CIMOSA Association, Germany
Kutvonen, Lea (University of Helsinki, Finland)
Lankhorst, Marc, Telematica Instituut, Netherlands
Mertins, Kai, Fraunhofer IPK, Germany
Poler, Raul, Polytechnic University of Valencia, Spain
Quartel, Dick, Telematica Instituut, Netherlands
Rehm, Sven-Volker, University of Stuttgart and the Otto Beisheim School of Management, Germany
Schelp, Joachim, University of St. Gallen, Switzerland
Schobbens, Pierre-Yves, University of Namur, Belgium
Schönherr, Marten, Technische Universität Berlin, Germany
Strohmaier, Markus, Graz University of Technology, Austria
Vallespir, Bruno, Université Bordeaux 1, France
Wegmann, Alain, Ecole Polytechnique Federal de Lausanne, Switzerland
Xu, Xiaofei, Harbin Institute of Technology, China