

First International Conference

INTEROP-ESA'2005

Interoperability of Enterprise Software and Applications

Co-located with eGov INTEROP'05 – the first eGovernment Interoperability conference

Geneva, Switzerland, February 23 - 25, 2005

Organised by INTEROP NoE (FP6-IST-508011) and Supported by IFIP

Scope

The interoperability in enterprise applications can be defined as the ability of a system or a product to work with other systems or products without special effort from the customer or user. The possibility to interact and exchange information with internal and external collaborators is a key issue in the enterprise sector. It is fundamental in order to produce goods and services quickly, at lower cost, while maintaining higher levels of quality and customisation. Interoperability is considered achieved if the interaction can, at least, take place at the three levels: data, applications and business enterprise through the architecture of the enterprise model and taking into account the semantics. It is not only a problem of software and IT technologies. It implies support of communication and transactions between different organisations that must be based on shared business references.

The INTEROP-ESA conference aims at bringing together researchers, users and practitioners dealing with different issues of Interoperability of Enterprise Applications and Software. The conference will focus on interoperability related research areas ranging from *Enterprise Modelling* to define interoperability requirements, to *Architecture and Platforms* to provide implementation frameworks and *Ontologies* to define interoperability semantics in the enterprise.

Information for Authors

Submissions must be no longer than 12 pages in length following the instructions given in the conference site. Authors are requested to submit their manuscripts electronically in PDF format using the paper submission tool available at the conference site <http://interop-esa05.unige.ch>

The conference proceedings will be published after the conference (and will be sent by post to the registered participants). Papers will be included in the proceedings only if they are presented by one of the authors at the INTEROP-ESA 2005 conference.

Selected papers will be published in special issues of International Scientific Journals

For more information please visit our web site

<http://interop-esa05.unige.ch> or send a message to interop-esa05@cuu.unige.ch

Workshop, Tutorials & Invited Sessions

Proposals for workshops, tutorials or invited sessions should be submitted using the forms available at the conference site.

Topics

Papers are invited in the areas of interoperability, presenting original work and not previously published from academics and professionals. Topics for the conference include, but are not limited to:

- Enterprise and networked enterprises Modelling Methods, Tools and frameworks
- Methods, Models, and Tools for intra and inter-organizations interoperability
- Interoperable Inter-enterprise Workflow Systems
- Knowledge Management, Metadata and ontologies for interoperability solutions
- Requirements Engineering for Interoperable Enterprise ontologies
- Design principles and patterns for interoperability
- Good practices and solutions for interoperability development
- Standards for enterprise integration and interoperability
- Theory and practice of modelling languages
- Management of Distributed Enterprise Models
- Synchronisation and Interoperability of Distributed Enterprise Models
- Support for Co-operative Work
- Enterprise Applications Analysis and semantic elicitation
- Architectures and platforms for interoperability
- Ubiquity, Mobility, Open Architectures and large scale interoperability
- Model Driven Architectures
- Experiments and case studies of interoperability
- Interoperability of autonomous systems
- Service Oriented Architectures
- Interoperability of Digital Rights Management systems

Important Deadlines

Papers

Papers due:

Acceptance notification:

Conference:

Final papers due:

extended deadlines

December 1, 2004

~~November 15, 2004~~

January 10, 2005

February 23-25, 2005

March 15, 2005

Workshops, Tutorials & Invited Sessions

Workshop proposals due

Acceptance of workshops

~~November 15, 2004~~

~~November 20, 2004~~

Invited ses. & Tutorial Proposals due

Acceptance of Invited ses. & Tutorials

~~November 15, 2004~~

January 10, 2005

Registration for participation

Early registration deadline

January 24, 2005

General Co-Chairs

Jean-Paul Bourrières, University of Bordeaux I, France
Michel Léonard, University of Geneva, Switzerland

Industrial Track Chair:

Martin Zelm, CIMOSA Association, Germany

Local Organization

Jolita Ralyté, University of Geneva, Switzerland
Jean-Henri Morin, University of Geneva, Switzerland

Program Co-Chairs:

Dimitri Konstantas, University of Geneva, Switzerland
Nacer Boudjlida, Université Henri Poincaré Nancy I, France

Doctoral Symposium Chair

Giovanna Di Marzo, University of Geneva, Switzerland

Workshops, Tutorials & Invited Sessions Co-Chairs:

Hervé Panetto, Université Henri Poincaré Nancy I, France
François Charoy, Université Henri Poincaré Nancy I, France

International Program Committee:

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Ippolitto, Massimo, Fiat Research Centre, Italy
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Ralyte, Jolita, University of Geneva, Switzerland
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Stamper, Ronald, Staffordshire University, United Kingdom
Stevens, Richard, Gruppo Formula Spa, Italy
Vernadat, François, EC Eurostat, Luxembourg
Wangler, Benkt, University of Skövde, Sweden
Wasserman, Tony, Software Methods and Tools, United States of America
Zelm, Martin, CIMOSA Association, Germany

Local Organization Committee

Ralyté, Jolita, University of Geneva, Switzerland
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