



**Conference Program**  
**University of Geneva – Uni-Mail**

**Monday, February 21**

<b>8:30-17:00</b>	Participant Registration	
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**Doctoral Symposium**

<b>9:00 - 10:30</b>	<b>Session D1 Workflows</b>	<b>Room: R0280</b>
	Customizable Isolation in Transactional Workflow	Adnene Guabtani, François Charoy, Claude Godart
	Business Process Intelligence : Discovering and Improving Transactional Behavior of Composite Services From Logs	Walid Gaaloul
	Workflow Modelling and Enactment for Work Process Support on the Web	Rune Molden
<b>10:30 – 11:00</b>	<b>Coffee break</b>	
<b>11:00 – 12:30</b>	<b>Session D2 Ontology and Semantics</b>	<b>Room: R0280</b>
	Ontology-Based Approach for Application Integration	Saïd Izza, Lucien Vincent, Patrick Burlat
	Institutional Information Systems Engineering: the laws based approach	Abdelaziz Khadraoui
	Measuring the quality of ontology mappings: A multifaceted approach	Jennifer Sampson
	Integration of Business Applications using Semantic Web Technologies	Nenad Anicic, Zoran Marjanovic
<b>12:30 – 14:00</b>	<b>Lunch</b>	
<b>14:00 – 15:30</b>	<b>Session D3 Methods</b>	<b>Room: R0280</b>
	Towards a CAME tool for situational methods engineering	Nicolas Arni-Bloch
	A Methodological Approach for Enterprise Modelling of Small and Medium Virtual Enterprises based on UML. Application to a Tile Virtual Enterprise	Reyes Grangel, Ricardo Chalmeta
	Methods Enabling Web Information Service Engineering on the Semantic Web	Terje Wahl
<b>15:30 -16:00</b>	<b>Coffee break</b>	
<b>16:00 – 17:30</b>	<b>Session D4 Enterprise/Process Modelling</b>	<b>Room: R0280</b>
	Adapting HPM to B2M Interoperability Issues: Towards Interoperability between Business Management Level and Shop Floor Level	Salah Baïna, Herve Panetto, Khalid Benali, Gérard Morel
	Knowledge Map for Distributed Information System Re-Engineering	Jorge Pardellas
	The ISDA model for integrating the static and dynamic aspects of Information Systems	Thoa Pham Thi Tanhh
	Process oriented Approach for enterprise information system design	Jihed Touzi

**Tutorials**

<b>12:30 – 14:00</b>	<b>Lunch</b>	
<b>14:00 - 17:30</b>	<b>Tutorial T1</b>	<b>Room: R1130</b>
	Efficient: a toolset for enabling the analysis, the design and the generation of B2B ebXML transactions	Organizer : Eric Dubois, CRPHT, Luxembourg
<b>14:00 – 17:30</b>	<b>Tutorial T2</b>	<b>Room: R1140</b>
	Web services, Semantic web, and Agent-based solutions to heterogeneous system integration	Organizer : Min-Jung Yoo, Inforge – HEC
<b>15:30 – 16:00</b>	<b>Coffee break</b>	

# Tuesday, February 22

8:30-17:00	Participant Registration	
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## Doctoral Symposium

9:00 - 10:30	<b>Session D5</b> <b>Interoperability of Software</b>	<b>Room: R0280</b>
	Towards DRM/DPM enabled Interoperable Enterprise Information Systems	Michel Pawlak
	Enabling Inter-Enterprise Collaboration in Open Distributed Systems	Toni Ruokolainen
	Matchmaking in Heterogeneous Environments	Dong Cheng
10:30 – 11:00	<b>Coffee break</b>	
11:00 – 12:30	<b>Session D6</b> <b>Management</b>	<b>Room: R0280</b>
	Information Security in a Heterogeneous Healthcare Domain	Rose-Mharie Ahlfeldt
	Probabilistic Time Management for Automated Business Processes	Horst Pichler, Johann Eder
	Knowledge Management for Interoperable Quality Management System	Francesca Scorziello
12:30 – 14:00	<b>Lunch</b>	
14:00 – 15:30	<b>Session D7</b> <b>Collaborative Enterprises</b>	<b>Room: R0280</b>
	Interoperability problems: management of evolution of collaborative enterprises	Severine Blanc
	Inter-Organisational Collaboration on the Process Layer	Christina Tsagakani
	Contribution to a methodology to develop interoperability of enterprise applications	Nicolas Daclin
15:30 -16:00	<b>Coffee break</b>	
16:00 – 17:30	<b>Session D8</b> <b>Interactive Session</b>	<b>Room: R0280</b>

## Workshops

9:00 - 17:30	<b>Workshop W1</b>	<b>Room: R1140</b>
	Interoperability Standards - Implementation, Dynamics, and Impact	Kai Jacobs, No-Rest European project
9:00 - 17:30	<b>Workshop W2</b>	<b>Room: R1130</b>
	IFAC -Enterprise Integration, Interoperability and Networking	Dr. Angel Ortiz
9:00 - 12:30	<b>Workshop W3</b>	<b>Room: R1150</b>
	Web services and inter-operability	Eva Söderström, Univ. of Skovde
11:00 - 15:30	<b>Workshop W4</b>	<b>Room: R1193</b>
	Towards Interoperability of Enterprise Heterogeneous Enterprise Networks and their Applications : from Industries needs to ATHENA requirements	Man-Sze Li, ATHENA Integratet Project
10:30 – 11:00	<b>Coffee break</b>	
12:30 – 14:00	<b>Lunch</b>	
15:30 – 16:00	<b>Coffee break</b>	

8:30-17:00	Participant Registration	
9:00 - 9:30 Room: R0290	<b>Joint Interop-ESA - eGov Opening Session J1</b>	<b>Chair : Jean-Paul Bourrieres</b>
	Wellcome Interop-ESA JP Bourrières eGov Interop N. Benamou	
9:30 – 10:45	<b>Keynote talks</b>	
	Applications are our Future	<a href="#">Dennis Tsichritzis</a> Fraunhofer Vice-President
	Importance of eGovernment interoperability for regional governments	<a href="#">Hervé Le Guyader</a> eris@ President
10:45 – 11:00	<b>Coffee break</b>	
11:00 – 12:30 Room: R0290	<b>Session I1</b>	<b>Chair: Herve Panetto</b>
	Development of a metamodel to foster interoperability along the product lifecycle traceability	S. Terzi, J. Cassina, H. Panetto
	Business Process Requirements, Modelling Technique, and Standard: How to identify interoperability gaps on a process level	B. Rukanova, K. van Slooten, R. A. Stegwee
	An Architecture for Semantic Enterprise Application Integration Standards	N. Anicic, N. Ivezic, A. Jones
11:00 – 12:30 Room: R060	<b>Session IST1 : R&amp;D in the IST program</b>	<b>Chair : Francois Vernadat</b>
	KnowledgeWeb,	Enrico Franconi
	Crosswork	Nikolay Mehandjiev, Kurt Fessl
	No-Rest	Kai Jacobs
12:30 - 14:00	<b>Lunch</b>	
14:00 – 15:30 Room: R0290	<b>Plenary session P1</b>	<b>Chair : Dimitri Konstantas</b>
	Interoperability in the EU ( <i>tentative</i> )	<a href="#">Gérald Santucci</a> European Commission <a href="#">DG Information Society and Media</a> <a href="#">Network and Communication Technologies</a> Head of Unit D5 - ICT for Enterprise Networking
	Model-Driven Architecture: Integration in the new Millennium	<a href="#">Andrew Watson</a> OMG Vice President
15:30 -16:00	<b>Coffee break</b>	
16:00 – 17:30 Room: R0290	<b>Session I2</b>	<b>Chair : Guy Doumeingts</b>
	Inter-Organization Interoperability in Transport Chains Using Adapters Based on Open Source Freeware	P. Davidsson, L. Ramstedt, J. Törnquist
	MAFIIA - an Architectural Description Framework: Experience from the Health Care Domain	S. Walderhaug, E. Stav, S. Løkke Tomassen, L. Røstad, N. Brede Moe
	ISO Standards for Interoperability: a comparison	K. Kongsanke
16:00 – 17:30 Room: M1140	<b>Session IST2 : R&amp;D in the IST program</b>	<b>Chair : Arian Zwegggers</b>
	Spider-WIN (IST 507 601)	Markus Rabe
	Interop	Jean-Paul Bourrieres
	Athena IP	Rainer Ruggaber
	TERREGOV: eGovernment interoperability in a semantically driven world	Santos VICENTE
17:30 – 18:00	<b>Break</b>	
18:00 – 19:30 Room: R0290	<b>Joint Interop-ESA, eGov session J2 Invited Speakers</b>	<b>Chair : Norbert Benamou</b>
	Community Building and the Enterprise Interoperability Centre (EIC)	Man-Sze Li, ATHENA IP
	Semantic Interoperability, Content Resources and Methodology Standardization	Barbara Gatti <a href="#">European Committee for Standardization</a>
	The case for service oriented architecture in realising trusted, interoperable, pan-European e-government services	S. Mc Gibbon - Microsoft EMEA
19:30 – 23:00	<b>Opening Reception – Uni Mail</b>	

<b>8:30-17:00</b>	Participant Registration	
<b>9:00 - 10:30 Room: R0290</b>	<b>Session I3</b>	<b>Chair : Nacer Boudjlida</b>
	Onar: An Ontologies-Based Service Oriented Application Integration Framework	D. Tektonidis, A. Bokma, G. Oatley, M. Salampasis
	A Unified Framework for Enterprise Integration	Saïd Izza, Lucien Vincent, Patrick Burlat
	A Framework to Support Interoperability Among Semantic Resources	C. Lima, C. Ferreira-da-silva, C. Le Duc
<b>9:00 - 10:30 Room: R1150</b>	<b>Session I4</b>	<b>Chair: Herve Panetto</b>
	Virtual Breeding Environment: A First Approach to Understand Working and Sharing Principles	N. Galeano Sánchez, D. Apolinar Guerra Zubiaga, J. Atahualpa Irigoyen González, A. Molina
	Modeling and using business collaborations	G. Bruno
	Establishing Interoperability of Coordination Protocols in ad-hoc Inter-Organizational Collaborations	B. Bazijanec, A. Albani, K. Turowski
<b>9:00 – 10:30 Room: R030</b>	<b>Session IT1 : Industrial Track</b>	<b>Chair: Martin Zelm</b>
	Enterprise Architecture -Survey of Practices and Initiatives	Frank Lillehagen, Dag Karlsen, Computas, Oslo, Norway
	Towards an Interoperability Framework for Model-Driven Development of Software Systems	Brian Elvesæter, Axel Hahn, Arne-Jørgen Berre, Tor Neple, SINTEF, Oslo, Norway
	A Collaboration Framework for Cross-enterprise Business Process Management	O. Adam, A. Hofer, S. Zang, C. Hammer, M. Jerrentrup, S. Leinenbach, Inst for Information Systems at DFKI, Saarbruecken, Germany
<b>10:30 – 11:00</b>	<b>Coffee break</b>	
<b>11:00 – 12:30 Room: R0290</b>	<b>Session I5</b>	<b>Chair : Arne Berre</b>
	Ontology-based Interoperability Services for Semantic Collaboration in Open Networked Systems	S. Castano, A. Ferrara, S. Montanelli
	Interoperability through integrating Semantic Web Technology, Web Services, and Workflow Modeling	J. Krogstie, C. Veres, G. Sindre
	An M3-Neutral Infrastructure for Bridging Model Engineering and Ontology Engineering	J. Bézivin, V.Devedzic, D. Djuric, J.M. Favreau, D. Gasevic, F. Jouault
<b>11:00 – 12:30 Room: M1150</b>	<b>Session I6</b>	<b>Chair : Arturo Molina</b>
	Contract-Based Interoperability For E-Business Transactions	S. Artyshchev, H. Weigand
	Interoperability middleware for federated enterprise applications in web-Pilarcos	L. Kutvonen, T. Ruokolainen, J. Metso, J. Haataja
	<i>Doctoral Symposium Panel or best presentation</i>	<i>To be defined</i>
<b>11:00 – 12:30 Room: R030</b>	<b>Session IT2 : Industrial Track</b>	<b>Chair: Martin Zelm</b>
	An Empirical Study of the UML Model Transformation Tool (UMT)	Roy Grønmo, Jon Oldevik, SINTEF, Oslo, Norway
	Syndicate Data Incorporation into Data Warehouses: Contrasting Consumer Problems with Supplier Viewpoints	Mattias Strand, Björn Lundell, Uni Skövde, Sweden
	Conformance testing of open interfaces in healthcare applications - Case context management,	Tanja Toroj, Juha Mykkänen, Anne Eerola, Uni Kuopio, Finland
	SFIDA: interoperability in innovative c-business models for SMEs through an enabling Grid platform	M. Aldinucci, S. Gusmeroli, M. Vanneschi, M. Villa
<b>12:30 – 14:00</b>	<b>Lunch</b>	

<b>Thursday, February 24</b> (afternoon Sessions)		
<b>INTEROP-ESA'05 Conference</b>		
<b>14:00 – 15:30</b> <b>Room: R0290</b>	<b>Session I7</b>	<b>Chair: Nacer Boudjlida</b>
	Transforming Workflow Graphs	Johann Eder, Wolfgang Gruber, Horst Pichler
	Interoperability Issues in Metamodelling Platforms	Harald Kühn, Marion Murzek
	Towards Using UML 2 for Modelling Web Service Collaboration Protocols	Gerhard Kramler, Elisabeth Kapsammer, Werner Retschitzegger, Gerti Kappel
<b>14:00 – 15:30</b> <b>Room: R030</b>	<b>Session IT3 : Industrial Track</b>	<b>Chair: Colin Piddington</b>
	Impact of moderation through the distributed virtual enterprise life-cycle	Keith Popplewell, Markus Rabe
	The Federative Principle in Business Architecture	Johann Wagner
	Design anywhere, Build anywhere	Anne Waywell
	Interoperability of Knowledge-based Engineering Systems	U. Kaufmann, R. Claus
<b>15:30 -16:00</b>	<b>Coffee break</b>	
<b>16:00 – 17:30</b> <b>Room: R0290</b>	<b>Session I8</b>	<b>Chair : Jean-Paul Bourrieres</b>
	Quantitative Analysis of Enterprise Architectures	Maria-Eugenia Iacob, Henk Jonkers
	Mapping Specification in MDA: From Theory to Practice	Denivaldo Lopes, Slimane Hammoudi, Jean Bézivin, and Frédéric Jouault
	Experiment in Model Driven Validation of BPEL Specifications	D.H.Akehurst
<b>16:00 – 17:30</b> <b>Room: R030</b>	<b>Session IT4 : Industrial Track</b>	<b>Chair: Colin Piddington</b>
	Methods for the Analysis of Supply Network Processes at European SMEs,	Markus Rabe IPK Fraunhofer
	The Accounting Information Sharing Model for ShanghaiGrid	Jiadi Yu, Minglu Li, Ying Li, Feng Hong, Shanghai Jiao Tong University, China
	DES - Agent based supportive Modelling Framework	Simona Caramihai, ICS, Romania
<b>17:30</b>	<b>End of Sessions</b>	
<b>19:30 – 23:00</b>	<b>Banquet Dinner – Vieux-Bois</b>	

## Friday, February 25

## INTEROP-ESA'05

<b>9:00 - 10:30</b> <b>Room: R0290</b>	<b>Session I9</b>	<b>Chair : Arne Berre</b>
	Integrating Business Processes with Peer-to-Peer technology	Florian Kupsch, Dirk Werth
	Design and Implementation of a Peer-to-Peer Data Quality Broker	Diego Milano, Monica Scannapieco, Tiziana Catarci
	Moving from Internal to External Services using Aspects	Henkel M., Boström G., Wäyrynen J.
<b>9:00 - 10:30</b> <b>Room: R0280</b>	<b>Session I10</b>	<b>Chair: Jolita Ralyte</b>
	Methodology for the definition of a glossary in a collaborative research project and its application to a European Network of Excellence	Paola Velardi, Raúl Poler, José V. Tomás
	Ontology-based Semantic Interoperability Tools for Service Dynamic Discovery	Devis Bianchini, Valeria De Antonellis
	Identifying Business Components on the basis of an Enterprise Ontology	Antonia Albani, Jan L.G. Dietz
<b>10:30 – 11:00</b>	<b>Coffee break</b>	
<b>11:00 – 12:30</b> <b>Room: R0290</b>	<b>Session I11</b>	<b>Chair : Mehdi Snene</b>
	Using Connectors for Deployment of Heterogeneous Applications in the Context of OMG D&C Specification	Lubomir Bulej, Tomas Bures
	Development of an Integrated Retrieval System on Distributed KRISTAL-2002 Systems with Metadata Information	Young-Kwang Nam, Gui-Ja Choi, Byoung-Dai Lee
	WSMB: a middleware for enhanced Web services interoperability	Trung Nguyen Kien, Abdelkarim Erradi, Piyush Maheshwari
<b>11:00 – 12:30</b> <b>Room: R0280</b>	<b>Session I12</b>	<b>Chair : Jean-Henry Morin</b>
	A Conceptual Model for the IST Infrastructure	Jan Goossenaerts
	Towards a new infrastructure supporting interoperability of information systems in development: the Information System upon Information Systems	Thang Le Dinh
	Design Solutions for Interoperability using a Process Manager	Paul Johannesson, Erik Perjons, Benkt Wangler, Rose-Mharie Åhlfeldt
<b>12:30 – 13:00</b>	<b>Closing session</b>	