



CALL FOR PAPERS

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THEME

Information and Communication Technology (ICT) plays an increasingly important role in organizations, inter-organizational networks, society and individuals' daily life. Business activities are dependent on complex, distributed software systems operating in dynamic and often unpredictably changing business environments. It is in this context that Business Informatics Research is essential.

In order to produce and supply products and services more efficiently organizations must be able to adapt and quickly exchange information with internal and external collaborators and customers. Demand for increasing interoperability exists at technological, business process, and knowledge levels. Methods, theories, and tools that maintain change and adaptation of business processes, organizations, and their supporting software are needed. Furthermore, recent challenges are directed to more human-orientated, highly personalized and trustworthy systems enabling their users to cope with the large variety of frameworks, technologies and tools needed to accommodate emerging business applications. Therefore, one of the areas of focus here is quantitative and qualitative methods for measuring, predicting, and understanding the value that ICT brings to the enterprise.

Therefore, the theme for this conference is making businesses, people and systems interoperable and adaptive in highly interconnected and changing contexts. Specifically, the conference also welcomes contributions that concern evaluating and demonstrating all aspects of benefits of information systems in the light of their costs.

Research contributions for the conference will be on aspects of and future directions in Business Informatics Research with respect to the abovementioned theme of interoperability and adaptation, as well as on exploring scientifically the practical aspects and establishing empirically grounded analyses of business cases in order to provide a better evaluation to the applications of ICT in industry. Contributions from both ongoing research and implications for future directions are welcome.

BIR2011 is organized by the Riga Technical University (RTU), Latvia.

The best accepted research papers of conference will be published in Springer LNBIP. Other accepted papers will be published in special issues of Scientific journals of RTU indexed by Versita, Ebsco, ProQuest, and VINITI.

All accepted workshop and doctoral consortium papers will be published in local proceedings of BIR2011. The best selected workshop and doctoral consortium papers will be published in Springer LNBIP as post-conference BIR2011 workshop proceedings.

IMPORTANT DATES

Workshop proposal submission deadline	February 15, 2011
Paper submission deadline	May 10, 2011
Notification of acceptance	June 30, 2011
Camera-ready papers	July 19, 2011
Workshops	October 6, 2011
Doctoral Consortium	October 6, 2011
Main Conference	October 7-8, 2011

ORGANIZING COMMITTEE

Renāte Strazdiņa, Riga Technical University, Latvia (Chair)

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RELEVANT TOPICS

Business, people, and systems interoperability

- Philosophical and social perspectives of interoperability
- Ontological foundations of Business Informatics
- Systems theory and principles
- Conceptual modelling
- Human-oriented systems
- Methods, architectures, and communication technologies supporting interoperability
- Emerging technologies and paradigms
- Enterprise modeling and virtual organisations
- ERP, CRM and SCM systems
- e-Commerce, e-Business, e-Government, e-everything
- Healthcare/Medical Informatics
- Engineering Informatics
- City Management Informatics
- Future trends

Business and information systems development

- Business Process Modeling
- Workflow management
- Service Oriented Architecture (SOA)
- Business rules
- Model Driven Architecture (MDA)
- The synergy of agile and model driven architecture
- Requirements Engineering
- Object Oriented techniques, methodologies, and languages
- IS modelling, testing, and verification
- Quality of business software
- IS security issues

Business intelligence

- Business excellence and business intelligence solutions
- Data warehousing
- Reporting
- Decision intelligence / decision support systems
- Databases for business
- Competing on analytics

Knowledge Management and Semantic Web

- Knowledge management in interconnected world
- Ontology modelling languages and tools
- Ontology applications in business
- E-learning, learning organisations, and organisational learning
- Semantic Web methods and languages
- Open source, open innovation and open information society
- Ambient and mobile business solutions
- Cognitive aspects of Business Informatics

Contextualized evaluation of business informatics

- Feasibility of existing standards, techniques and languages
- Contextualized value and quality
- User acceptance of new technology
- Teaching Business Informatics
- Curriculum design and implementation issues
- Case studies and experience reports
- Project management issues
- Risk management issues

CONTACTS

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CONFERENCE VENUE

The Conference is organized by the Riga Technical University. It will take place at the Riga Technical University, which is located in the heart of Riga's historical centre. The venue is only 5 minutes walking distance from the Riga Airport shuttle bus stop, central railway station and other important public transportation lines. It is surrounded by many hotels and hostels.

The Riga city lies on the coast of the Baltic Sea at Latvia's largest river's Daugava delta and is located only 20 km from the most famous Latvian resort Jurmala. The city is known for its architecture which makes it one of the largest centers of Art Nouveau (Jugendstil) in Europe.

