



# Call for papers

## 8:th International Conference on Perspectives in Business Informatics Research

BIR 2009 October 1-2, 2009

Kristianstad University College, Sweden

### Theme

Information and Communication Technology (ICT) plays an increasingly important role in organizations, inter-organizational networks, society and in individual persons' daily life. Businesses' 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. The demands for increasing interoperability concern the technological, business process and knowledge levels. Methods, theories and tools are needed that maintain change and adaptation of business processes, organizations and their supporting software. Furthermore, recent challenges are directed to more human oriented, highly personalized and trustworthy systems enabling to cope with a huge variety of frameworks, technologies and tools needed to accommodate emerging business applications. The new methods and technologies lack enough evaluation to demonstrate that their benefits will overwhelm the payout. Therefore, one of the focuses here is on quantitative and qualitative methods for measuring, predicting, and understanding the value that information technologies bring to the enterprise and the cost before these technologies are ready to use.

The theme for this conference is therefore 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 and future directions in business informatics research with respect to the above theme on interoperability and adaptation, as well as on exploring scientifically the practical aspects and establishing empirically grounded analysis of business cases in order to provide a better evaluation to the applications of information technologies in industry. Contributions from both ongoing research and implications for future directions are welcome.

### Important Dates

Paper submission deadline: ~~June 8, 2009~~ July 24

Notification of acceptance : July 22, 2009, August 24

Camera-ready copies: September 14, 2009

Conference October 1-2, 2009

### Relevant Topics

The submitted papers should have a Business Informatics Research perspective. Topics of interest include but are not limited to:

#### 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
- Emerging technologies and paradigms
- Methods, architectures and communication technologies supporting interoperability
- Enterprise modelling and virtual organisations
- ERP, CRM and SCM systems
- e-commerce, e-business, e-government

#### Business and information systems development

- Business Process Modeling
- Model Driven Architecture (MDA)
- Service Oriented Architecture (SOA)
- Requirements Engineering
- The synergy of agile and model driven (MDA) development processes
- IS modelling, testing and verification
- Object oriented techniques and methodologies
- Unified Modeling Language (UML)
- Workflow management
- Quality of business software
- Business rules

#### Business intelligence

- Business excellence and Business Intelligence solutions
- Data warehousing
- Reporting

- Decision support systems
- Healthcare/Medical Informatics
- Competing on analytics

#### **Open source, open innovation and open information society**

- Open source development and deployment tools
- Integrating open source technology with commercial and proprietary products
- Open source solutions for model driven development
- Interoperability of open source communities and business systems
- Open innovation
- Web 2.0 and social computing

#### **Knowledge Management and Semantic Web**

- Knowledge management in interconnected world
- Semantic Web methods
- Ontology modelling languages and tools
- Ontology applications in business
- E-learning and learning organizations

#### **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

### **Programme Committee**

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### **Conference chairs**

**Professor Harald Kjellin** Kristianstad University  
 (Conference chair)

**Professor Benkt Wangler** Skövde University  
 (Honorary conference chair)

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### **Conference Venue**

The BIR2009 Conference will be held at Kristianstad University in locals belonging to the Centre of organizational and business studies.

Computer access, wireless facilities and multimedia projector will be available during the conference.



### **Conference Organizer**

**Kristianstad University College**

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