



BIR 2015

14th International Conference on Perspectives in Business Informatics Research

26-28 August 2015, Tartu, Estonia

<http://bir2015.cs.ut.ee>



CALL for PAPERS

The mission of the BIR conference series is to foster highly inter-disciplinary research in the field of business informatics, particularly research that bridges across management and engineering aspects and that strikes a balance between scientific rigor and practical relevance and applicability.

The BIR 2015 conference is the 14th in the conference series. This year the conference is hosted by the Institute of Computer Science of University of Tartu. In addition to a research, work-in-progress and industry paper sessions, BIR 2015 will feature a doctoral consortium and workshops aimed at attracting work-in-progress research in focused emerging topic areas.

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 software systems operating in dynamic and often unpredictably changing business environments. In this setting, the theme for BIR 2015 conference is **“making business information systems interoperable and adaptive in highly interconnected and changing contexts”**.

The conference solicits papers on all aspects of business informatics research with a special emphasis on the theme of interoperability and adaptation. The conference accepts original contributions of the following types: full research papers, research-in-progress papers, industrial papers

IMPORTANT DATES

Conference

- Paper submission: April 6, 2015
- Notification: May 18, 2015
- Camera ready: June 1, 2015
- Conference date: August 26-28, 2015

Doctoral Consortium

- Paper submission: July 1, 2015
- Notification: July 17, 2015

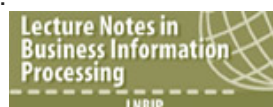
SUBMISSION

Papers can be submitted in two categories:

- **Full papers** (up to **15 pages**) should report on novel research results.
- **Research in progress papers** (up to **8 pages**) can be used to report on preliminary results of ongoing research.

Papers must be written in English and must be formatted according to the Springer Instructions for LNBIP authors. They have to be submitted to <https://www.easychair.org/conferences/?conf=bir15>.

The conference accepted papers will be published in the series Lecture Notes in Business Information Processing (LNBIP, Springer).



CONFERENCE VENUE

Home of 100 000 inhabitants, Tartu is the second largest city in Estonia and the oldest in the Baltic States. Tartu offers all the infrastructure and facilities of a global technology hub, combined with rich historical heritage and culture. Major attractions include the numerous museums and heritage sites. Tallinn is just about 2,5 hours bus drive and Riga 3,5 hours bus drive from Tartu.

With around 18000 students and 1400 academic staff, **University of Tartu** (UT) is the largest university in Estonia. Founded in 1632, it is also the highest-ranked university in the Baltic States according to the Times and the QS World University rankings.





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MAIN 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
- 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,
- Future trends

Business intelligence

- Business intelligence solutions
- Data warehousing
- Decision support systems
- Databases for business
- Competing on analytics
- Healthcare/Medical Informatics

Open source, open innovation and open society

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

Business and information systems development

- Business process modelling
- Model driven architecture (MDA)
- Service oriented architecture (SOA)
- Requirements engineering
- The synergy of agile and MDA development processes
- IS modelling, testing and verification
- Object oriented techniques and methodologies
- Unified modelling language (UML)
- Workflow management
- Quality of business software
- Business rules
- IS security issues

Knowledge Management and Semantic Web

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

Contextualized evaluation of business informatics

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

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