

# 16th IEEE Conference on Business Informatics - Call for Papers

Geneva, Switzerland, July 14 – 17, 2014

[www.cbi-series.org/2014](http://www.cbi-series.org/2014)

## Important Dates

- Abstract Submission : March 9, 2014
- Paper Submission: March 16, 2014 (**extended**)
- Paper Notification of Acceptance: April 27, 2014
- Camera Ready Copies: May 15, 2014

**Submission** via: <https://www.easychair.org/conferences/?conf=cbi2014>

Up-to-date information : <http://cbi2014.unige.ch>

Business Informatics is the scientific discipline targeting information processes and related phenomena in their socio-economical business context, including companies, organisations, administrations and society in general. Business Informatics is a fertile ground for research with the potential for immense and tangible impact. As a field of study, it endeavours to take a systematic and analytic approach in aligning core concepts from management science, organisational science, economics information science, and informatics into an integrated engineering science.

## Conference Topics

The CBI conference focuses on papers that clearly relate business and informatics, where papers typically will take one of the two as their primary starting point. Next to that, since BI is very much a practical field, papers that focus case studies are also explicitly asked for. As such, authors are encouraged to submit papers covering three tracks:

- *Business with Informatics*, which focuses on topics within the societal context of informatics, i.e. the “B” in BI. This includes, e.g. Business-IT alignment.
- *Informatics for Business*, which focuses on IT as an enabler of new business and/or societal developments, i.e. the “I” in BI.
- *Case studies*, reporting on practical cases of *business informatics*. For such papers, we suggest the authors to follow the STARR structure: Situation, Tasks to be done, Activities used to achieve these tasks, Results delivered, and a Reflection on the case.

More specific topics include, but are not limited to:

### 1. **Business Process Engineering**

- Customer-centered and inter-enterprise business processes
- Modeling of multi-channel processes and process architectures
- Management and governance for Business Process Engineering
- Business process analytics and operational decision-making
- Tooling for Business Process Engineering

### 2. **Enterprise Architecture**

- Enterprise architecture languages, methods, management and governance
- Enterprise architecture reference models and simplified / agile methods

3. **Enterprise & Conceptual Modelling**
  - Modelling methods, languages, and tools
  - Model management and reuse
  - The process of modelling and guidelines for modelling
  - Collaborative (enterprise) modelling
  - Competencies of modellers and modelling teams
  - Industry/domain/concern specific reference models
4. **Enterprise Engineering**
  - Enterprise ontology and engineering
  - Business rules management
5. **Enterprise and Business Transformation**
  - Methodologies and approaches for enterprise & business transformation
  - Methodologies and approaches to set up/mature an organization's transformation capability
  - Competencies needed to conduct/drive enterprise & business transformations
6. **Service Innovation**
  - Impact of technology trends on service innovation and vice versa
  - Interdependencies between business model and service innovation
  - Managing the service innovation process
  - Open service innovation and sourcing strategies
7. **Business data engineering and analytics**
  - Business (big) data and knowledge integration, management and mining
  - Information retrieval, information filtering and recommender systems
  - Data science, advanced analytics, prediction, causal forecasting, and visualization
  - Smart measurements and collaborative monitoring
8. **Business IT**
  - Productivity and business value of IT and data
  - Support of users and communities in business environments
    - Social networks analysis & social computing
    - Tools for ensuring security, privacy, trust and monitoring risk
    - Specialized Human Computer Interaction
  - Technology support for Electronic Business and Electronic Commerce, e-Market place design
    - Mobile computing
    - Service-oriented computing
    - Machine-to-Machine communications (M2M)
  - Smarter planet, Technology adoption and diffusion
  - Model-Driven Engineering

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### Format of papers

1. **8 pages IEEE conference style.**  
For more information, see:  
[http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)
  2. Only PDF files are accepted.
  3. **Submission URL:** <https://www.easychair.org/conferences/?conf=cbi2014>
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## **CBI 2014 Organization:**

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- Stéphane Marchand-Maillet, University of Geneva, Switzerland
- KJ Lin, University of California, Irvine, USA

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- Henderik A. Proper, Public Research Centre Henri Tudor, Luxembourg
- Jolita Ralyté, University of Geneva, Switzerland

### **Publication chair:**

- Birgit Hofreiter, Vienna University of Technology, Austria

### **Workshop chair:**

- Sybren de Kinderen, University of Luxembourg, Luxembourg

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- Christian Huemer, Vienna University of Technology, Austria
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- Jorge Sanz, IBM Research, USA
- KJ Lin, University of California, Irvine, USA
- Stéphane Marchand-Maillet, University of Geneva, Switzerland

## **CBI Domain Coordinators**

- Business Process Engineering  
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- Business data engineering and analytics  
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- Empowering & Enabling Technologies  
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