18th IEEE Conference on Business Informatics (CBI)

August 29 – September 1, 2016
Paris, France

http://cbi2016.cnam.fr

Call For Papers

IMPORTANT DATES
- **April 12, 2016**
  Abstract Submission Deadline
- **April 19, 2016**
  Paper Submission Deadline
- **May 31, 2016**
  Notification of acceptance
- **June 18, 2016**
  Camera-Ready copy due
- **Aug. 29 – Sept. 1, 2016**
  Conference program

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Business Informatics is the scientific discipline targeting information processes and related phenomena in their socio-economical business context, including companies, organizations, 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 endeavors to take a systematic and analytic approach in aligning core concepts from management science, organizational science, economics, information science, and informatics into an integrated engineering science.

The goal of the CBI series of conferences is to bring together existing Business Informatics related research domains and stimulate discussion, synergy and integration of their respective research results and activities. Accordingly, the CBI conferences use a format that enables in depth discussions among researchers in their respective domains during the conference. In addition, the contributions and discussions among the different domains are channeled towards a series of books dedicated to Advances in Business Informatics. For more information on the CBI series, refer to: www.cbi-series.org

CBI 2016 will be held in Paris (France) in the Conservatoire National des Arts et Métiers. It is aimed at creating a forum for researchers and practitioners from various fields that contribute to the construction, use and maintenance of information systems and the organizational context they are embedded in. Last but not least, we want to offer a common platform for Computer Science and Information Systems researchers. Therefore, all of the following tracks welcome contributions both from Computer Science and Information Systems:
- Business Analytics
- Business Data Engineering
- Business Models & Service Innovation
- Business Process Management
- Enterprise Architecture and Enterprise Engineering
- Method Engineering
- Modelling in Business Informatics
- Business Systems Engineering
- Semantic Web and Conceptual Modeling
- Business Informatics and Serious Games

All **submissions** must be original, i.e. have not been published in a journal or conference proceedings and should not be intended for publication elsewhere. We invite the following types of original papers:
- Regular papers
- Position papers
- Case study
- Case reports

The **format** of regular, position papers and case studies should follow the IEEE two-column conference style. The format of case reports should follow the CEUR workshop proceedings style. The maximum paper length is up to 10 pages. All papers must be submitted as PDF files via Easy Chair: https://www.easychair.org/conferences/?conf=cbi2016

The CBI **review** process is **double-blind**. All papers will be reviewed by at least 3 reviewers. The **proceedings** of the CBI series are **published by the IEEE** as an electronic publication with its own ISBN number except for case reports that are published as CEUR workshop proceedings. The CBI proceedings are made available to the conference participants by means of a USB stick, while also being included in the IEEE digital library. Depending on their topic, outstanding papers are recommended to one of a number of renowned journals. In particular, exceptional CBI papers will be invited to a special issue in Enterprise Modelling and Information Systems Architectures (EMISA).

TRACK CHAIRS

Business Analytics
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Business Models & Service Innovation
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Ralf Möller, Germany

Business Informatics and Serious Games
Imed Boughzala, France
Kafui Monu, USA

Business Analytics

- Advanced analytics, prediction, causal forecasting
- Advanced business intelligence and visualization
- Business performance systems and decision-making in enterprises
- Integration of analytics and processes
- Event-based and real-time analytics
- Social media analytics
- Business Analytics architectures and cloud

Business Data Engineering

- Big data veracity and quality, uncertainty and risk management
- Business data integration
- Engineering models for innovative use of big data
- Corporate Knowledge Management
- Information retrieval, information filtering and recommender systems
- Business data quality
- Business data value assessment

Business Models & Service Innovation

- Approaches to leveraging digital technologies for service innovation and competitive advantage
- Integrating business models with enterprise models
- Interaction between business model innovation and service innovation
- Theories, methods and tools for designing innovation in business models and services
- Using business models at runtime
- Digital transformation business models

Business Process Management

- Business Process Modeling, Analysis and Execution
- Subject-oriented BPM
- Actor-Transaction BPM
- Complex Event Processing
- Compliance of Business Processes
- Monitoring of Business Processes
- Similarity and matching of Business Processes
- Business Process Quality
- Ontologies for BPM
- Inter-organizational BPM

Enterprise Architecture and Enterprise Engineering

- Agile methods for Enterprise Engineering & Architecture
- Business Rules
- Enterprise & Business transformation
- Enterprise Architecture Languages, Methods, Management and Governance
- Enterprise Modeling and Simulation
- Enterprise Ontology
- Methods for enterprise & business transformation

Method Engineering

- Meta-modelling and method ontologies
- MetaCASE
- Method Driven Architecture
- Method engineering in practice
- Method evaluation techniques
- Method repositories
- Situational method engineering
- Computer-Aided Method Engineering

Modelling in Business Informatics

- Advanced modelling environments
- Meta-modelling
- Model quality
- Model-driven software development
- Modelling methods
- Models at runtime
- Multilevel modelling
- Business Analysis

Business Systems Engineering

- Enterprise security
- IT governance
- Service oriented architectures and web services
- Smart factories
- Software architectures

Semantic Web and Conceptual Modeling

- Knowledge structures: ontologies, taxonomies, thesauri, etc.
- Web 4.0
- Semantic tagging

Business Informatics and Serious Games

- Gamification
- Serious game analytics
- Serious and simulation games
- Serious games development
- Business applications of serious game
- End-to-end user interoperability

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Submissions: https://www.easychair.org/conferences/?conf=cbi2016