



18th IEEE Conference on Business Informatics – Call for Papers

Paris, France, 29th August – 1st September 2016

<http://cbi2016.cnam.fr/>

Important Dates

- Mandatory abstract submission: **April 26, 2016 (extended)**
- Full paper submission: **May 3rd, 2016 (extended)**
- Notification of Paper Acceptance: **May 31, 2016**
- Camera Ready Version: **June 18, 2016**

Submission via: <https://www.easychair.org/conferences/?conf=cbi2016>

Business Informatics

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.

Goal of the conference series

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 Conference

The CBI 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. The benefits of such a cross-disciplinary conception are contrasted by a challenge: Authors who submit a paper take the risk to be assessed by standards that are different from those they are used to in their own communities. The CBI's organization accounts for this challenge. It comprises various **Tracks** that represent more than one individual community. Tracks are not only intended to represent a certain subject area, but also to include papers from different

communities. The industry track aims at dealing with the following challenges: What challenges do industry/organizations/government have that Business Informatics research should help solve? What do industry experts think of Business Informatics research? What about brilliant failures and other success stories? What about Business Informatics happening in industry?

Best CBI papers will be invited to a special issue in Enterprise Modelling and Information Systems Architectures (EMISA) - an International Journal.

When submitting a paper, authors are expected to name the **Track** they feel most related to.

CBI 2016 includes the following Tracks and Topics:

Business Analytics

Track co-chairs:

- Ernesto Damiani, Italy
- Alexander Maedche, Germany

Topics:

- 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

Track co-chairs:

- Nicolas Prat, France
- Jeffrey Parsons, Canada

Topics:

- 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

Track co-chairs:

- Heinrich Mayr, Austria
- Harry Bouwman, The Netherlands

Topics:

- 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

Track co-chairs:

- Peter Fettke, Germany
- Pnina Soffer, Israel

Topics:

- 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

Track co-chairs:

- Robert Pergl, Czech Republic
- Miguel Mira da Silva, Portugal
- Henderik A. Proper, Luxembourg

Topics:

- 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

Track co-chairs:

- Jacky Akoka, France
- Tok Wang Ling, Singapore

Topics:

- 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

- Method Engineering and Variability

Modelling in Business Informatics

Track co-chairs:

- Susanne Leist, Germany
- Christine Natschlager, Austria

Topics:

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

Business Systems Engineering

Track co-chairs:

- Jan Verelst, Belgium
- Steven Alter, USA

Topics:

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

Semantic Web and Conceptual Modeling

Track co-chairs:

- Rafael Penaloza, Italy
- Ralf Möller, Germany

Topics:

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

Business Informatics and Serious Games

Track co-chairs:

- Imed Boughzala, France
- Kafui Monu, USA

Topics :

- Gamification
- Serious game analytics
- Serious and simulation games
- Serious games development
- Business applications of serious games

Paper categories

We invite the following types of original papers:

- Regular papers
- Position papers
- Case study
- Case reports

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.

Proceedings

The proceedings of the CBI series are published by the IEEE as an electronic publication with its own ISBN number. The 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, best CBI papers will be invited to a special issue in Enterprise Modelling and Information Systems Architectures (EMISA) - An International Journal.

Reviewing

All papers will be reviewed by at least 3 reviewers.

The reviewing process of the CBI conference series aims to provide authors with valuable feedback on their papers, even when a submission is rejected. As such, the CBI conference series operates under the principle that a serious submission deserves a serious review.

CBI 2016 Organization Committee

General co-chairs:

- Elena Kornyshova, Conservatoire National des Arts et Métiers, France
- Geert Poels, Ghent University, Belgium
- Christian Huemer, Vienna University of Technology, Austria

Program Committee co-chairs:

- Isabelle Comyn-Wattiau, Conservatoire National des Arts et Métiers and ESSEC, France
- Florian Matthes, Technical University Munich, Germany
- Jorge Sanz, National University of Singapore, Singapore and IBM Research, USA

Workshop chair:

- Camille Salinesi, Université Paris 1 Panthéon-Sorbonne, Paris, France

Publication chair:

- Rébecca Deneckère, Université Paris 1 Panthéon-Sorbonne, France

Financial chair:

- Samira Si Said Cherfi, Conservatoire National des Arts et Métiers, France

Publicity chair:

- Nadira Lammari, Conservatoire National des Arts et Métiers, France

PhD Symposium co-chairs:

- Stefan Strecker, Fern Universität Hagen, Germany
- Saïd Assar, Telecom Ecole de Management, France

Industry chair

- Irina Rychkova, Université Paris 1 Panthéon-Sorbonne, Paris, France
- Gil Regev, École polytechnique fédérale de Lausanne and Itecor, Switzerland

CBI Steering Committee

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Format of papers

1. The format of regular, position papers and case studies should follow the IEEE conference style: http://www.ieee.org/conferences_events/conferences/publishing/templates.html. Recommended paper length is up to 10 pages. Only PDF files are accepted. Submission URL: <https://www.easychair.org/conferences/?conf=cbi2016>. There is a limit of 250 words for the abstract. In the submission form, please select all topics from one or more domains that relate with your paper. Important note: since the review process is **double-blind**, please make sure that your names and affiliations are not listed in the paper submitted for review!
2. Case reports should be submitted as a Microsoft Word document, 1 - 10 pages long via EasyChair (<https://www.easychair.org/conferences/?conf=cbi2016>) or sent by email to gil.regev@epfl.ch. Please use the standard Microsoft Word template.