

# Call for Papers

## BIR 2022



## 21st International Conference on Perspectives in Business Informatics Research September 21-23, 2022

Rostock, Germany – <https://bir2022.informatik.uni-rostock.de>

### Theme: Business Informatics for Sustainable Innovation

The BIR conference series has a tradition of a specific focus for every edition that is combined with established topic of the field. The 2022 edition in Rostock has the focus of Business Informatics for Sustainable Innovation: Digital transformation, artificial intelligence, Internet-of-Things or dataspace are some of the current trends in business and market environments that lead to innovations in products, services, organization structure and work environments. These innovations should create value for all stakeholders involved not only from a business and commercial perspective and not purely based on technology. The topic of sustainable innovation obviously also addresses innovations tackling the global climate emergency, transition to a net-zero economy or changes in ecosystems. We welcome submissions addressing the main theme, the topics listed below and combinations of both.

### Topics

#### Business Informatics for Sustainable Innovation

- Methods and technologies for sustainable product and service innovations
- IS for managing global climate emergency
- Method and approaches for organizational innovation management
- IS for work-life balance
- IS for transition to a net-zero economy
- IS for managing changes in ecosystems
- IS support for circular economy implementation
- Application cases for sustainable innovation

#### Business & IS development

- Capability planning and management
- Business process and other modeling approaches
- Process mining
- Model Driven Development
- Service oriented architecture
- Requirements engineering
- Contextualized business and systems
- Business Information Technology Alignment

#### Enterprise Systems

- IoT, ERP, CRM and SCM systems
- Business intelligence systems
- Data analytics and decision support systems
- Innovative database solutions for business
- Big Data for business

#### ICT Governance/Management

- Digital Governance, IT Governance
- Project, risk and security management
- Data Governance
- ICT system sustainability, ethics and ergonomics
- Legacy systems

#### Digital Collaboration

- Outsourcing, crowdsourcing, blockchain, etc.
- Social network analysis
- Value creation and co-creation
- Business compliance
- Workflow management

#### Smart Systems and Services

- AI applications and use cases in businesses
- Linked data, Ontologies and Semantic Nets
- Web methods and languages
- Ontology development and applications in business
- Web and social computing
- Text mining
- E-learning and learning organizations

#### Application areas

- Green IT
- Healthcare Supply Chain
- Industry 4.0
- E-Government and Smart City
- Serious games and gamification



## Types of Papers

- Research papers describing original research contributions
- Exploratory papers introducing new ideas and directions for research
- Practice papers discussing problems or challenges that organizations face and provide useful insights to practitioners from similar contexts.

Accepted papers will be published in a volume of the Springer's LNBIP series. Maximum number of pages (including references) for all paper types is 15. LNBIP volumes are indexed, .e.g., in SCOPUS, DBLP and INSPEC.

The BIR workshops and the BIR Doctoral Consortium will publish a separate joint proceedings volume in the CEUR-WS series. Submission dates and guidelines will be posted by chairs after the list of approved workshops is announced. Best workshop papers will be invited to submit extended versions to a special issue of the Journal of Complex Systems Informatics and Modeling Quarterly

## Submission Guidelines

Authors should consult Springer's authors' guidelines and use the proceedings templates available at <https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines>.

All submissions must be unpublished and not be under review elsewhere. Page limit for all papers is 15 pages. A preliminary abstract submission is expected one week before the paper submission deadline.

Please submit papers to BIR2022 in PDF format using the EasyChair submission page: <https://easychair.org/conferences/?conf=bir20220>.

Accepted papers are only included in the proceedings volume if at least one author is registered per paper and the paper is presented during the conference.

## Important Dates

### Main Conference

- **Abstract submission deadline: May 15**
- **Submission Deadline: May 22**
- **Notification of acceptance: July 15**
- **Conference dates: September 21-23**

### Workshop Proposals

Submission deadline: May 15

### Doctoral Consortium

Submission Deadline: July 15

## BIR 2022 Organization

### Conference Chair

- Kurt Sandkuhl, Rostock University, Germany

### Program Committee Chairs

- Erika Nazaruka, Riga Technical University, Latvia
- Ulf Seigerroth, Jönköping University, Sweden

### Organization Committee Chair

- Jack Rittelmeyer, Rostock University, Germany

### Doctoral Consortium Chairs

- Björn Johansson, Linköping University, Sweden
- Anne Gutschmidt, Rostock University, Germany

### Workshop Chairs

- Janis Stirna, Stockholm University, Sweden
- Hasan Koc, Berlin International University, Germany

## Contact us

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