


Lecture Notes in Business Information Processing

398

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Perspectives in Business Informatics Research


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Proceedings

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Preface

The 19th edition of the International Conference on Perspectives in Business Informatics Research (BIR 2020) – initially set to take place at the University of Vienna during September 2020 – was deterred, as many scientific events around the globe, by the COVID-19 pandemic.

The conference – with its numerous satellite events (workshops, doctoral consortium) – has always been a scientific networking hub, encouraging elaborated critical discussion and providing knowledge exchange opportunities, therefore the organization team decided to postpone BIR 2020 as part of an extended event to take place during BIR 2021. The joint BIR 2020-2021 event will thus include presentations of both years' submissions, potentially expanding the BIR community and the range of discussed topics, while preserving the networking nature of the conference.

Although this volume will have been published prior to the extended event of 2021, the peer-review process was applied as usual for submissions received during 2020, leading to the selection of 14 papers based on a minimum of 3 reviews for each paper. The acceptance rate was 29%, from a base of 48 submissions in total. The papers are grouped by the following topics: Digital Transformation and Technology Acceptance, Multi-perspective Enterprise Models and Frameworks, Supporting Information Systems Development, Literature and Conceptual Analysis, Value Creation, and Value Management.

Business Informatics is an established research area at the intersection of Business Administration and Computer Science, subordinated to the Information Systems field. Since 2000, when BIR was initiated in Rostock, Germany, the topics investigated by this community have gained wide adoption and have stimulated a convergence of business and technical views towards establishing novel methods for supporting business decisions with the help of socio-technical systems. The teaching agenda of Business Informatics is steadily spreading across Europe, with numerous study programs emerging under this name, typically inspired by the diversity of research topics covered by this umbrella term, e.g., Enterprise Modeling, Business Process Management, Information Systems Development, Decision Support Systems, and E-business. The scientific community fostered around these topics is continuously expanding the relevance of the BIR conference series, making it a prestigious European event that will soon have its 20th edition, coalescing the presentation of papers selected from both the 2020 and 2021 submissions.

We express our gratitude to the BIR Steering Committee members who agreed to have this edition managed by our team. In particular, we thank Prof. Marite Kirikova and Prof. Kurt Sandkuhl for providing assistance during the difficult decision-making process related to the pandemic.

We thank all the authors who submitted their work and the Program Committee members who contributed reviews to the paper selection process. We also thank the

global community of the Open Models Laboratory (OMiLAB, www.omilab.org) for contributing either submissions or reviews to the selection process of BIR 2020.

The technical support regarding the production of this volume was ensured by the Springer team, lead by Ralf Gerstner and Christine Reiss, to whom we are thankful for the continuous partnership with BIR.

Last but not least, we'd like to thank the Vienna organization team, lead by Victoria Döller, for their hard work on managing the communication, website, and registration process that made the publication of this volume possible.

We are looking forward to attending the presentations of the hereby selected works during the extended event planned for 2021.

August 2020

Björn Johansson
Dimitris Karagiannis
Robert Andrei Buchmann
Andrea Polini

Organization

BIR 2020 is managed by an organization team affiliated to the University of Vienna, Austria. The actual event was postponed to 2021 due to the pandemic situation during 2020 and this volume contains the pre-event selection of accepted papers.

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