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Preface

Over the last two decades, the Conference on Advanced Information Systems Engineering (CAiSE) has been established as a leading venue for information systems engineering research on innovative topics with rigorous scientific theories. The theme of this year's CAiSE, "Information systems in the post-COVID era: reconciling the best of both worlds", emphasized the challenge of "going back to normal" and what has been learned from about the two years of digital experiences triggered by the pandemic. The theme also reflected the conference organization – after the online editions of CAiSE 2020 and 2021, this year the conference returned as a live event held during June 6–10, 2022, in Leuven, Belgium. Each year CAiSE is accompanied by a significant number of high-quality workshops. Their aim is to address specific emerging challenges in the field, to facilitate interaction between stakeholders and researchers, to discuss innovative ideas, and to present new approaches and tools. Two kinds of workshops were invited:

- Presentation-oriented workshops focused on presentations and discussions of accepted papers. These papers are published in this Springer LNBIP volume.
- Discussion-oriented workshops emphasized discussions facilitated by paper presentations. The main criterion for paper acceptance was relevance and potential for raising discussion, and as such these papers are not published in this Springer LNBIP volume.

Initially, 12 workshops were accepted; the challenges of the post-COVID period, including the uncertainty about the conference organization, led to 65 submissions and six workshops finally succeeding with a sufficient number of high-quality accepted papers. The workshops reflected a broad range of exciting topics and trends ranging from blockchain technologies via digital factories, ethics, and ontologies to the agile methods for business and information systems. Specifically, this volume contains the proceedings of the following presentation-oriented workshops (which received 23 submissions and accepted 11 papers):

- The 2nd International Workshop on Blockchain for Information Systems (BC4IS)
- The 2nd International Workshop on Information Systems Engineering for Smarter Life (ISESL)
- The 4th International Workshop on Key Enabling Technologies for Digital Factories (KET4DF)

The 2nd International Workshop on Model-driven Organizational and Business Agility (MOBA) received 22 submissions and published post-proceedings in a separate LNBIP volume. Regarding the discussion-oriented workshops, the 16th International Workshop on Value Modelling and Business Ontologies (VMBO) received 12 submissions, and the 1st International Workshop on Agile Methods for Information Systems Engineering (Agil-ISE) received seven submissions. Being discussion-oriented, they opted to publish their proceedings in the CEUR Workshop Proceedings series. We would

like to thank the chairs of the workshops for their excellent job in difficult times. Also, we thank the reviewers for their timely and constructive work, as well as the publicity chairs for their numerous activities that helped attract submissions. We thank Springer for the swift communication and support of the proceedings production process. Finally, we warmly thank Monique Snoeck and Frederik Gailly—the General Co-chairs of CAiSE 2022—for continuously helping us in the process.

June 2022

Jelena Zdravkovic
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Organization

CAiSE Workshops Chairs

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Estefania Serral	KU Leuven, Belgium
Jelena Zdravkovic	Stockholm University, Sweden

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