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Preface

The International Conference on Advanced Information Systems Engineering (CAiSE) has a longstanding tradition as a premier venue for Information Systems Engineering research on highly innovative and relevant topics with rigorous methods. In 2021, CAiSE featured the special conference theme of uncertainty, which reflects upon the ongoing situation with the COVID-19 pandemic and the challenges that have to be addressed through Intelligent Information Systems. The uncertainty aspect and the global situation also hit the CAiSE conference organization. Originally, CAiSE 2021 was planned as a live event to be held during June 28 – July 2, 2021, in Melbourne, Australia, but due to the ongoing pandemic it was held online.

Traditionally, the CAiSE main track is flanked by the two working conferences BPMDS and EMMSAD, as well as a number of high-quality workshops that address inspiring and future topics of Information Systems Engineering. In 2021, a total of eight workshops were selected based on criteria such as quality, innovativeness, and potential to spark discussions at the workshop.

This volume contains the papers presented at the CAiSE workshops during 29–30 June, 2021, 33 papers were submitted, out of which 14 full papers and 1 short paper were accepted for the following workshops:

- *BC4IS*: 1st International Workshop on Blockchain for Information Systems
- *EMoBI*: 3rd International Workshop on Ethics and Morality in Business Informatics
- *KET4DF*: 3rd International Workshop on Key Enabling Technology for Digital Factories
- *MOBA*: 1st International Workshop on Model-driven Organizational and Business Agility
- *NeGIS*: 2nd International Workshop on Next Generation Information Systems

These workshops reflect a broad range of exciting topics and trends ranging from blockchain technologies via digital factories, ethics, and business agility to the next generation of Information Systems.

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. We thank Springer for the swift communication and support of the proceedings production process. Finally, we thank Marcello La Rosa as General Chair and Laura Juliff as Organization Chair of CAiSE for supporting us with the workshop website and the Easychair conference management system.

May 2021

Artem Polyvyanyy
Stefanie Rinderle-Ma

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