


Lecture Notes in Business Information Processing

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Advanced Information Systems Engineering Workshops

CAiSE 2020 International Workshops
Grenoble, France, June 8–12, 2020
Proceedings

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CAISE 2020 Workshops

The International Conference on Advanced Information Systems Engineering (CAiSE), is a well-established and highly visible conference series. It addresses contemporary topics in information systems (IS) engineering such as methodologies and approaches for IS engineering, innovative platforms, architectures, and technologies, as well as engineering of specific kinds of IS. The conference is accompanied by high-quality workshops related to specific information systems engineering topics. They aim at addressing specific emerging challenges, at enabling discussions concerning innovative ideas, as well as at presenting new approaches and tools.

This year the CAiSE conference was planned to be held in Grenoble, France, June 8–12, 2020. Due to the international health context, CAISE 2020 allowed us to experience the conference in a different manner, by being fully virtual. The theme of this 32nd CAiSE conference was particularly well-chosen as it concerns resilient IS, as resilience is a system property that is becoming prominent. Topics included IoT, big data, artificial intelligence, and blockchain or adaptive systems as well as their combination. This year, CAiSE was accompanied by its two long-standing associated working conferences (BPMDS and EMMSAD), as well as seven workshops. The accepted workshops were chosen after careful consideration, based on maturity and compliance with our usual quality and consistency criteria.

In the difficult context, only two workshops were able to adhere to the CAiSE 2020 submission and acceptance guidelines. The paper acceptance rate for these workshops included in this volume was approximately 40% for long papers and 55% for short papers. This volume contains the proceedings of the following two workshops associated with CAiSE 2020:

- The Second International Workshop on Key Enabling Technologies for Digital Factories (KET4DF 2020).
- The First International Workshop on Information Systems Engineering for Smarter Life (ISESL 2020).

The 16th International Workshop on Enterprise & Organizational Modeling and Simulation (EOMAS 2020) published post-proceedings in a separate Springer LNBIP volume.

As workshop chairs of CAiSE 2020 we would like to express our gratitude to all workshop organizers and to all corresponding scientific committees of the workshops for their valuable contribution.

April 2020

Sophie Dupuy-Chessa
Henderik A. Proper

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