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The Practice of Enterprise Modeling

13th IFIP Working Conference, PoEM 2020
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Proceedings

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Preface

The 13th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modeling (PoEM 2020), is aimed at improving the understanding of the practice of enterprise modeling, by offering a forum for sharing experiences and knowledge between the academic community and practitioners from industry and the public sector. The special focus in 2020 was on the role enterprise modeling in the digital age.

PoEM 2020 took place during November 25–27, 2020. It was organized by the Riga Technical University, Latvia. It was meant to be held at the newly reinvigorated Ķīpsala campus within walking distance of the old city. As a response to the ongoing COVID-19 crisis, the PoEM 2020 Organizing Committee, together with the PoEM Steering Committee, decided to organize the conference for its first time completely virtual. A nice side-effect of this decision was the possibility to make PoEM 2020 free for all attendees.

Following its tradition, PoEM 2020 was open for submissions in three categories that also form part of this proceedings: research papers describing original research contributions in enterprise modeling; practitioner/experience papers presenting problems, challenges, or experience related to any aspect of enterprise modeling encountered in practice; and short papers presenting work in progress and emerging enterprise modeling challenges.

In total, we received 58 submissions for the main conference, including research papers, experience papers, and short papers. Based on three reviews by members of the Program Committee, we selected 19 full papers (32.76% acceptance rate) and 7 short papers (44.83% acceptance rate for full and short papers combined). Accepted papers are grouped by the following topics: Business Process Modeling, Foundations and Applications of Enterprise Modeling, Enterprise Modeling and Enterprise Architecture, Enterprise Ontologies, Formal Aspects of Enterprise Modeling, Requirements Modeling, Risk and Security Modeling, and Process Mining.

Besides the main conference papers which form part of these proceedings, PoEM 2020 comprised two workshops: The First Workshop on Blockchain and Enterprise Systems (BES 2020) organized by Andrea Morichetta and Petra Maria Asprión; and the 5th Workshop on Managed Complexity (ManComp), organized by MāriĶe Kirikova, Peter Forbrig, and Charles Møller. Moreover, a PoEM forum was organized by Estefanía Serral Asensio and Janis Stirna.

We express our gratitude to the conference Steering Committee, who initially agreed to have this edition hosted in Riga, and later on, supported the transformation toward a virtual conference: Prof. Anne Persson, Prof. Janis Stirna, and Prof. Kurt Sandkuhl. An international, widely recognized forum of experts contributed to PoEM 2020, including the notable keynote speakers: Prof. Tony Clark from Aston University, UK, and Dr. Robert Woitsch from BOC Asset Management GmbH, Austria. We thank them, as well as all the authors who submitted their work, and the Program Committee members who ensured a high-quality selection of papers while providing insightful advice for

improving the contributions. Moreover, we thank the organizers of workshops and the forum for making PoEM 2020 such a diverse and active event.

We thank IFIP WG 8.1 for allowing this conference series to evolve under its auspices. We also thank the Springer team led by Alfred Hofmann and Ralf Gerstner for the technical support regarding the publication of this volume.

Last but not least, we would like to thank the organization team led by Zane Solovjakova, Krišjānis Pinka, Kristaps P. Rubulis, and Evita Roponena for their hard work in ensuring the success of this event.

November 2020

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