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Preface

Welcome to the first Digital Enterprise Computing Conference DEC 15 at the Herman Hollerith Center in Böblingen. We are pleased to host this annual conference, bringing together students, researchers, and practitioners to discuss solutions, experiences, and future developments for the current and next digital transformation. The digital transformation requires close cooperation between various partners from science, business and society.

We are living in an increasingly networked, interdependent, and fragile world. Opportunities coming from information technology and new tailored business models have to be explored and adjusted as part of a joined work in research, education, and real business and industrial practice. Product, process, and business model innovations have become essential to capture these new opportunities. Together with our partners we are supporting this challenging movement and transformation of society, business, and academia at the Herman Hollerith Center Böblingen by practicing rigor science and collaborative research, teaching, and practice.

Information, data and knowledge are fundamental concepts of our everyday activities. The digital economy requires new concepts of digital enterprise computing. This includes an interdisciplinary combination of approaches from computer science, economics and other relevant disciplines. New architectures and methods for both business and IT are integrating Mobility Systems, Internet of Things, Industry 4.0, Social Networks, Collaborative Business Models and Processes, Decision Systems, Big Data, and Cloud Ecosystems. They inspire current and future business strategies and create new opportunities for the digital transformation towards next digital products and services. The digital transformation addresses both the continuous evolution of business operating models and IT as well as their disruptive change. Digitization of business and IT defines our conference agenda by topics like Digital Business, Digital Enterprise Architecture, Business Process Management, Adaptive Case Management, Big Data, and Applications.

First of all we thank the District Administrator of Böblingen for initiating and giving all the support for the Herman Hollerith Center as a home for science, research, and practice, as well as for this conference. We are grateful to all the sponsors and supporters for their continuous assistance and help. We would like to thank the program committee members for their responsibility and help to compose the technical program of DEC 15, as well as our diligent authors and presenters, and the communicating audience.

We hope you will enjoy this DEC 15 Conference at the Herman Hollerith Center Böblingen and find it productive and inspiring. We wish you an interesting program with helpful contacts, and best conversations.

Alfred Zimmermann, Alexander Rossmann

Chairs of DEC 15, Herman Hollerith Center Böblingen, Germany

Böblingen, June 25-26, 2015
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