

Preface

This volume of the LNCS series contains the papers accepted for presentation at the 28th International Conference on Advanced Information Systems Engineering (CAiSE 2016), held in Ljubljana, Slovenia, during June 13–17, 2016. CAiSE has established itself as a leading venue on information systems engineering. It serves as a forum for the exchange of ideas for researchers, practitioners, and students, where the most recent results in the domain are presented and discussed. In addition, it is a place to learn, meet the community, start new projects, and identify future trends.

Information systems are developed by people and for people. The CAiSE 2016 theme was “Information Systems for Connecting People,” emphasizing the wish to satisfy the needs and requirements of people, both as individuals and as parts of organizations, which are socio-technical systems. In particular, this theme emphasized the role of information systems in communication among individuals, organizational units, and organizations themselves. It could also imply knowledge building and knowledge sharing, all kinds of decision making, negotiating and reaching agreements, bridging differences and distances among various points of view, perspectives, positions, and/or cultures.

Following this theme, the scientific program of CAiSE 2016, whose papers appear in this volume, included “traditional” topics associated with information systems engineering, as well as more contemporary topics and ones specifically related to the theme. The program included the following paper sessions:

- Collaboration
- Innovation, gamification
- Cloud and services
- Open source software
- Requirements engineering
- Business process modelling
- Business process management
- Variability and configuration
- Process mining
- Mining and business process performance
- Mining and decision support
- Conceptual modelling

CAiSE 2016 received 211 full-paper submissions from all over the world: papers were submitted from 48 countries in all five continents. After a rigorous reviewing process, involving the CAiSE Program Committee and Program Board, 35 high-quality papers were selected for presentation at the conference (acceptance rate of 16.5 %). Notably, the papers accepted for publication in the conference include representatives of all five continents, demonstrating how international CAiSE is.

The scientific program also included three keynotes and four tutorials, whose abstracts appear in this volume. The keynotes are: “Three Projects and a Projection” by Jonathan Grudin, “Making Your Users and You Tick” by Igor Benko, and “Processes and Quality of Data” by Barbara Pernici. The tutorials are: “Sustainability in Information Systems Engineering and Research” by Sergio España, Patricia Lago, and Sjaak Brinkkemper; “Quality of Business Process Models” by John Krogstie; “ICT-Based Creativity and Innovation” by Michele Missikoff; “Capability-Driven Development for Building Sustainable Information Systems” by Janis Stirna, Jelena Zdravkovic, and Hrvoje Simic.

In addition, the conference featured a variety of workshops, three attached working conferences, an industry track, a doctoral consortium, and a forum devoted to fresh research ideas. Separate proceedings have been published for all these events.

As editors of this volume, we would like to thank all the members of the Program Board and of the Program Committee, as well as external reviewers for their dedication in providing thorough and fair evaluations. Our deepest thanks to Richard van de Stadt, who helped us with the CyberChairPRO conference management system in an extremely effective way. We also warmly thank the local organization team and the CAiSE webmaster, publicity chairs, workshop organization chairs, forum chairs, tutorial and panel chairs, doctoral consortium chairs, publication chair, and industry chairs. Last but not least, we thank the general chairs, Marko Bajec and Johann Eder, who helped us with patience and dedication, combining experience with enthusiasm, to deliver a program that we are sure the community found interesting and inspiring.

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