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Preface

CAiSE 2015 is the 27th in the series of International Conferences on Advanced Information System Engineering. The theme of CAiSE 2015 is Creativity, Ability and Integrity in information Systems Engineering. Creativity implies designing Information Systems in novel and unexpected ways making use of information from different sources that need to be merged and molded to become meaningful and valuable. Ability enables systems to be capable to deliver business in excellent, competitive and agile ways. Integrity refers to ensuring security, trustworthiness and compliance with ethical code of information systems.

The CAiSE Forum is a place within the CAiSE conference for presenting and discussing new ideas and tools related to information systems engineering. Intended to serve as an interactive platform, the Forum aims at the presentation of emerging new topics, case studies as well as demonstration of innovative systems, tools and applications. It includes three types of contributions: 1) Visionary short papers that present innovative research projects, which are still at a relatively early stage and do not necessarily include a full-scale validation; 2) Demo papers describing innovative tools and prototypes that implement the results of research efforts; and 3) Case study reports focusing on real world cases in information systems engineering. The CAiSE Forum 2015 proceedings present a collection of 31 excellent short research papers and demos. The papers were selected by picking visionary papers out of those submitted to the CAiSE conference to stimulate open discussions of high-quality on-going research as well as by competitive review of the papers submitted directly to the CAiSE Forum.

The selection of papers spans all three of the aforementioned conference themes and includes a multitude of topics: Mobile technologies, advanced visualization, human-computer interaction and gamification leads to creative information systems engineering methods. Novel model driven development, process management and data management methods contribute to continuous improvement of our ability to develop high quality information systems. The papers devoted to the integrity topic emphasize security maintenance, fraud detection and compliance and risk management issues. Finally, the papers show strong synergies among integrity and creativity and ability. New creative information systems and digital services can be created and widely adopted only if they respect requirements of all parties involved, especially, concerning security and privacy requirements.

We would like to thank everyone who contributed to the CAiSE 2015 conference and CAiSE Forum 2015 in particular. We thank the authors for contributing and presenting their research, we appreciate invaluable contribution of the members of the Program Committee and external reviewers and we thank all members of the local organization team from the Stockholm University for ensuring smooth processing of the conference. We acknowledge the EasyChair development team for providing such a convenient tool for preparing these proceedings.

June, 2015

Jānis Grabis
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