

Preface

In 2013, the International Conference on Advance Information Systems Engineering (CAiSE) is turning 25. Started in 1989, in these years, the conference has provided a broad forum for researchers working in the area of Information Systems Engineering. To reflect on the work done so far and to examine perspectives of future work, the CAiSE Steering Committee decided to collect a selection of papers published in the conference proceedings in these years and to ask their authors, well-known researchers in the area, to comment on their work and how it developed during the years. CAiSE Proceedings have been published by Springer in the Lecture Notes in Computer Science Series (LNCS) since 1990. The editors of this book, who are the members of the Conference Advisory Board and the chairs of the Steering Committee, selected papers from CAiSE conferences from 1992 to 2008, to provide a broad overview on the topics that were presented and discussed in the conference and their evolution. The selection phase has not been easy, since many papers were well received in the research community and had a broad impact on future work. In the book, the original paper is reprinted, and after it, a short paper illustrating the evolution of the research related to the paper is included. As editors, we are thankful to the authors who accepted to participate in this adventure.

In addition, the book provides an overview on the conference from different points of view: a historical analysis on how it developed and its goals over the years, a social network analysis of the positioning of CAiSE in the research community, and future perspectives for the conference in an evolving world. As analyzed in these chapters, and as it is evident from the selected papers, the scope of the conference is broad but, at the same time, well positioned in an area which is related to the topics of modeling and designing information systems, collecting their requirements, but also with a special attention on how information systems are engineered, towards their final development as software components. Such focus has been consistently present in the development of the conference and in recent years. As such, the conference attracted over the years a larger and larger number of researchers, participating both in the conference and in its related events, such as workshops, related conferences, tutorials, and the Doctoral Consortium.

We think that as a whole the book provides a comprehensive overview of the research in this area and also provides many inspiring considerations for future work.

A very large number of people have to be thanked for their work in the CAiSE community in the last 25 years. It is impossible to mention everybody, but authors, reviewers, conference organizers and chairs, and organizers of related events all deserve our gratitude for their constant work in the community.

In particular, in the following, we would like to mention the editors of the CAiSE Proceedings, program chairs, and organizers, listing all conferences proceedings and the locations and countries in which the conferences were held:

- Jolita Ralyté, Xavier Franch, Sjaak Brinkkemper, Stanisław Wrycza (Eds.): *Advanced Information Systems Engineering – 24th International Conference, CAiSE 2012*, Gdansk, Poland, June 25–29, 2012, LNCS 7328, Springer, 2012
- Haralambos Mouratidis, Colette Rolland (Eds.): *Advanced Information Systems Engineering – 23rd International Conference, CAiSE 2011*, London, UK, June 20–24, 2011, LNCS 6741, Springer, 2011
- Barbara Pernici (Ed.): *Advanced Information Systems Engineering, 22nd International Conference, CAiSE 2010*, Hammamet, Tunisia, June 7–9, 2010, LNCS 6051, Springer, 2010
- Pascal van Eck, Jaap Gordijn, Roel Wieringa (Eds.): *Advanced Information Systems Engineering, 21st International Conference, CAiSE 2009*, Amsterdam, The Netherlands, June 8–12, 2009, LNCS 5565, Springer, 2009
- Zohra Bellahsene, Michel Léonard (Eds.): *Advanced Information Systems Engineering, 20th International Conference, CAiSE 2008*, Montpellier, France, June 16–20, 2008, LNCS 5074, Springer, 2008
- John Krogstie, Andreas L. Opdahl, Guttorm Sindre (Eds.): *Advanced Information Systems Engineering, 19th International Conference, CAiSE 2007*, Trondheim, Norway, June 11–15, 2007, LNCS 4495, Springer, 2007
- Eric Dubois, Klaus Pohl (Eds.): *Advanced Information Systems Engineering, 18th International Conference, CAiSE 2006*, Luxembourg, Luxembourg, June 5–9, 2006, LNCS 4001, Springer, 2006
- Oscar Pastor, João Falcão e Cunha (Eds.): *Advanced Information Systems Engineering, 17th International Conference, CAiSE 2005*, Porto, Portugal, June 13–17, 2005, LNCS 3520, Springer, 2005
- Anne Persson, Janis Stirna (Eds.): *Advanced Information Systems Engineering, 16th International Conference, CAiSE 2004*, Riga, Latvia, June 7–11, 2004, LNCS 3084, Springer, 2004
- Johann Eder, Michele Missikoff (Eds.): *Advanced Information Systems Engineering, 15th International Conference, CAiSE 2003*, Klagenfurt, Austria, June 16–18, 2003, LNCS 2681, Springer, 2003
- Anne Banks Pidduck, John Mylopoulos, Carson C. Woo, M. Tamer Özsu (Eds.): *Advanced Information Systems Engineering, 14th International Conference, CAiSE 2002*, Toronto, Canada, May 27–31, 2002, LNCS 2348, Springer, 2002

- Klaus R. Dittrich, Andreas Geppert, Moira C. Norrie (Eds.): *Advanced Information Systems Engineering*, 13th International Conference, CAiSE 2001, Interlaken, Switzerland, June 4–8, 2001, LNCS 2068, Springer, 2001
- Benkt Wangler, Lars Bergman (Eds.): *Advanced Information Systems Engineering*, 12th International Conference CAiSE 2000, Kista, Stockholm, Sweden, June 5–9, 2000, LNCS 1789, Springer, 2000
- Matthias Jarke, Andreas Oberweis (Eds.): *Advanced Information Systems Engineering*, 11th International Conference CAiSE'99, Heidelberg, Germany, June 14–18, 1999, LNCS 1626, Springer, 1999
- Barbara Pernici, Costantino Thanos (Eds.): *Advanced Information Systems Engineering*, 10th International Conference CAiSE'98, Pisa, Italy, June 8–12, 1998, LNCS 1413, Springer, 1998
- Antoni Olivé, Joan Antoni Pastor (Eds.): *Advanced Information Systems Engineering*, 9th International Conference, CAiSE'97, Barcelona, Catalonia, Spain, June 16–20, 1997, LNCS 1250, Springer, 1997
- Panos Constantopoulos, John Mylopoulos, Yannis Vassiliou (Eds.): *Advanced Information System Engineering*, 8th International Conference, CAiSE'96, Heraklion, Crete, Greece, May 20–24, 1996, LNCS 1080, Springer, 1996
- Juhani Iivari, Kalle Lyytinen, Matti Rossi (Eds.): *Advanced Information Systems Engineering*, 7th International Conference, CAiSE'95, Jyväskylä, Finland, June 12–16, 1995, LNCS 932, Springer, 1995
- Gerard Wijers, Sjaak Brinkkemper, Anthony I. Wasserman (Eds.): *Advanced Information Systems Engineering*, CAiSE'94, Utrecht, The Netherlands, June 6–10, 1994, LNCS 811, Springer, 1994
- Colette Rolland, François Bodart, Corine Cauvet (Eds.): *Advanced Information Systems Engineering*, CAiSE'93, Paris, France, June 8–11, 1993, LNCS 685, Springer, 1993
- Pericles Loucopoulos (Ed.): *Advanced Information Systems Engineering*, CAiSE'92, Manchester, UK, May 12–15, 1992, LNCS 593, Springer, 1992
- Rudolf Andersen, Janis A. Bubenko Jr., Arne Sølvsberg (Eds.): *Advanced Information Systems Engineering*, CAiSE'91, Trondheim, Norway, May 13–15, 1991, LNCS 498, Springer, 1991
- Bo Steinholtz, Arne Sølvsberg, Lars Bergman (Eds.): *Advanced Information Systems Engineering*, Second Nordic Conference CAiSE'90, Stockholm, Sweden, May 8–10, 1990, LNCS 436, Springer, 1990
- Janis Bubenko, Janis Stirna (Eds.) *The First Nordic Conference on Advanced Systems Engineering*, CASE89, Kista, Stockholm, Sweden, May 9–11, 1989, CEUR-WS Vol-961, 2013.

Kista, Sweden
 Trondheim, Norway
 Valencia, Spain
 Milan, Italy
 Paris, France
 Trondheim, Norway
 February 2013

Janis Bubenko
 John Krogstie
 Oscar Pastor
 Barbara Pernici
 Colette Rolland
 Arne Sølvsberg



<http://www.springer.com/978-3-642-36925-4>

Seminal Contributions to Information Systems

Engineering

25 Years of CAiSE

Bubenko, J.; Krogstie, J.; Pastor, Ó.; Pernici, B.; Rolland,
C.; Sølvberg, A. (Eds.)

2013, XI, 458 p., Hardcover

ISBN: 978-3-642-36925-4