

# Preface

This volume contains a collection of research papers that constitute the technical program of the 35th International Conference on Conceptual Modeling (ER 2016), held in Gifu, Japan, during November 14–17, 2016. Chen’s seminal work on the entity relationship (ER) model coincided with the emergence of conceptual modeling as a distinct field. One of the unique and valuable dimensions of the ER conference series is the way it brings researchers and practitioners from around the world to discuss ways to raise new challenges in conceptual modeling. Also known as the “Entity Relationship” or “ER” conference, this conference series has been held at an interesting variety of locations, rotating in successive years between Europe, Asia, and the Americas, attracting a diverse international community of scholars. Conceptual modeling is a process aiming at abstracting some aspects of the real world and representing them in the form of a model that can be used for understanding and communication; conceptual models typically are used in the development of computer-based information systems. The technical program for ER 2016 included papers addressing a number of current and emerging topics in conceptual modeling. In response to the call for papers, we received 113 abstracts and 89 full papers. The Program Committee provided at least three reviews for each paper, and on the basis of these reviews we selected 23 full papers (an acceptance rate of 25.84 %) and 18 short papers (a combined acceptance rate of 46.60 %). These papers can be grouped into several topical areas, including modeling and executing business processes, semantic annotations, conceptual modeling guidance, ontologies, business process management and modeling, requirements engineering, goal modeling, schema mapping, and applications of conceptual modeling. We express gratitude to all who helped make ER 2016 a success. It required the significant efforts of many people to make this conference possible. We thank the 93 Program Committee members along with the numerous external reviewers who reviewed and discussed the submitted manuscripts. These reviewers represent 26 different countries, which serves to bring a broad set of perspectives to the research arena. We especially thank the authors who took the time to carefully write up the results of their research and submit papers for consideration. The quality of these papers is a tribute to the authors and also to the reviewers who have guided any necessary improvement. Last but not least, we are greatly indebted to the three keynotes speakers: Prof. Tok Wang Ling of National University of Singapore, Prof. Oscar Pastor of Polytechnic University of Valencia, Spain, and Prof. Hideaki Takeda of National Institute of Informatics, Japan for accepting our invitation to address this conference.

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Isabelle Comyn-Wattiau  
Katsumi Tanaka  
Il-Yeol Song  
Shuichiro Yamamoto  
Motoshi Saeki

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Comyn-Wattiau, I.; Tanaka, K.; Song, I.-Y.; Yamamoto, S.;

Saeki, M. (Eds.)

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