

Preface

The Second International Conference on Future Data and Security Engineering (FDSE) and the 9th International Conference on Advanced Computing and Applications (ACOMP) were held in Ho Chi Minh City, Vietnam, during November 23–25, 2015. FDSE is an annual international premier forum designed for researchers and practitioners interested in state-of-the-art and state-of-the-practice activities in data, information, knowledge, and security engineering to explore cutting-edge ideas, to present and exchange their research results and advanced data-intensive applications, as well as to discuss emerging issues on data, information, knowledge, and security engineering. ACOMP annual events focus on advanced topics in computer science and engineering. More specifically, ACOMP solicits papers on security, information systems, software engineering, enterprise engineering, embedded systems, high-performance computing, image processing, visualization, and other related fields.

We invited the submission of both original research contributions and industry papers. For FDSE 2015, we received 88 submissions and, after a careful review process, only 23 papers (20 full and three short ones) were selected for presentation. The call for papers of ACOMP 2015 resulted in the submission of 62 papers, of which we selected only 24 papers through a rigorous review process for presentation.

Among the papers for both FDSE and ACOMP 2015, we selected only seven papers to invite the authors to revise, extend, and resubmit their work for publication in this special issue. Finally, only six extended papers were accepted. The main focus of this special issue is on advanced computing matters in data and security engineering as well as their promising applications.

The huge success of FDSE and ACOMP 2015 as well as this special issue of *Transactions on Large-Scale Data and Knowledge-Centered Systems* (TLDKS) was the result of the efforts of many people, to whom we would like to express our gratitude. First, we would like to thank all authors who extended and submitted papers to this special issue. We would also like to thank the members of the committees and external reviewers for their timely reviewing and lively participation in the subsequent discussion in order to select such high-quality papers to be published in this issue. Last but not least, we thank Gabriela Wagner for her enthusiastic help and support during the preparation of this publication.

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