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Preface

It is our great pleasure to present the proceedings of the 17th Web Information Systems and Applications Conference (WISA 2020). WISA 2020 was organized by the China Computer Federation Technical Committee on Information Systems (CCF TCIS), Guangzhou University, and Guizhou University. WISA 2020 provided a premium forum for researchers, professionals, practitioners, and officers closely related to information systems and applications, to discuss the theme of "Artificial Intelligence and Information Systems," focusing on difficult and critical issues, and promoting innovative technology for new application areas of information systems.

WISA 2020 was held in Guangzhou, Guangdong, China, during September 23–25, 2020. Given the theme of WISA 2020, the focus was on intelligent cities, government information systems, intelligent medical care, fintech, and network security, emphasizing the technology used to solve the difficult and critical problems in data sharing, data governance, knowledge graph, and blockchains.

This year we received 165 submissions, each of which was assigned to at least three Program Committee (PC) members to review. The peer-review process was double-blind. The thoughtful discussions on each paper by the PC resulted in the selection of 42 full research papers (an acceptance rate of 25.45%) and 16 short papers. The program of WISA 2020 included keynote speeches and topic-specific invited talks by famous experts in various areas of artificial intelligence and information systems to share their cutting-edge technologies and views about the academic and industrial hotspots. The other events included industrial forums, CCF TCIS salon, and PhD forum.

We are grateful to the general chairs Prof. Baowen Xu (Nanjing University), Prof. Yanming Sun (Guangzhou University), and Prof. Ge Yu (Northeastern University), as well as all the PC members and external reviewers who contributed their time and expertise to the paper reviewing process. We would like to thank all the members of the Organizing Committee, and many volunteers, for their great support in the conference organization. Especially, we would also like to thank publication chairs Prof. Wei Song (Wuhan University), Prof. Zhuoming Xu (Hohai University), and Prof. Genggeng Liu (Fuzhou University) for their efforts on the publication of the conference proceedings. Many thanks to all the authors who submitted their papers to the conference.

August 2020

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