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Data Mining and Big Data

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Proceedings, Part I

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Preface

The Sixth International Conference on Data Mining and Big Data (DMBD 2021) was held in Guangzhou, China, during October 20–22, 2021. DMBD serves as an international forum for researchers to exchange the latest innovations in theories, models, and applications of data mining and big data as well as artificial intelligence techniques. DMBD 2021 was the sixth event after the successful first event (DMBD 2016) in Bali, Indonesia, the second event (DMBD 2017) in Fukuoka City, Japan, the third event (DMBD 2018) in Shanghai, China, the fourth event (DMBD 2019) in Chiang Mai, Thailand, and the fifth event (DMBD 2020) in Belgrade, Serbia.

These two volumes (CCIS vol. 1453 and CCIS vol. 1454) contain papers presented at DMBD 2021 covering some of the major topics of data mining and big data. The conference received 259 submissions. The Program Committee accepted 83 regular papers to be included in the conference program with an acceptance rate of 32.05%. The proceedings contain revised versions of the accepted papers. While revisions are expected to take the referees comments into account, this was not enforced and the authors bear full responsibility for the content of their papers.

DMBD 2021 was organized by the International Association of Swarm and Evolutionary Intelligence (IASSEI) and co-organized by the Guangdong Polytechnic Normal University, Pazhou Lab, Guangzhou University, and the Guangdong Provincial Engineering and Technology Research Center for Big Data Security and Privacy Preservation. It was technically co-sponsored by Peking University and Southern University of Science and Technology, and also supported by Nanjing Kangbo Intelligent Health Academy. The conference would not have been such a success without the support of these organizations, and we sincerely thank them for their continued assistance and support.

We would also like to thank the authors who submitted their papers to DMBD 2021, and the conference attendees for their interest and support. We thank the Organizing Committee for their time and effort dedicated to arranging the conference. This allowed us to focus on the paper selection and deal with the scientific program. We thank the Program Committee members and the external reviewers for their hard work in reviewing the submissions; the conference would not have been possible without their expert reviews. Finally, we thank the EasyChair system and its operators, for making the entire process of managing the conference convenient.

September 2021

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