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Uday Kiran Rage · Vikram Goyal ·
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Database Systems for Advanced Applications

DASFAA 2022 International Workshops

BDMS, BDQM, GDMA, IWBT, MAQTDS, and PMBD
Virtual Event, April 11–14, 2022
Proceedings

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Preface

It is our great pleasure to introduce the workshop proceedings of the 27th International Conference on Database Systems for Advanced Applications (DASFAA 2022), held during April 11–14, 2022, in Hyderabad, India. The entire conference was organized online due to the outbreak of COVID-19 across the world. DASFAA provides a leading international forum for discussing the latest research on database systems and advanced applications. The conference's long history has established the event as a premier research conference in the field of databases.

As a part of DASFAA 2022 program, the following six workshops were selected by the workshop co-chairs: the 1st Workshop on Pattern mining and Machine learning in Big complex Databases (PMBD 2022), the 6th International Workshop on Graph Data Management and Analysis (GDMA 2022), the 2nd International Workshop on Blockchain Technologies (IWBT 2022), the 8th International Workshop on Big Data Management and Service (BDMS 2022), the first workshop on Managing Air Quality Through Data Science (MAQTDS 2022), and the 7th International Workshop on Big Data Quality Management (BDQM 2022).

The review process of workshop papers followed a double-blind two-tiered review system following the tradition of DASFAA. Almost all the valid submissions were reviewed by at least three Program Committee (PC) members.

Out of a total of 65 valid research track submissions, 30 submissions were accepted as full papers (acceptance rate of 46.1%). These papers were presented on the first day of the conference. All six workshops were held on April 11, 2022, in conjunction with DASFAA 2022.

We would like to thank all workshop organizers and reviewers for their hard work in providing us with thoughtful and comprehensive reviews and recommendations. Many thanks to the authors who submitted their papers to the workshops. We would like to express our sincere thanks to Maya Ramanath, Wookey Lee, and Sanjay Kumar Madria for helping in the selection of workshops. We also thank Springer for their financial support and publishing the workshop proceedings. We thank Google for the sponsorship. We feel indebted to the DASFAA Steering Committee for its continuing guidance.

We appreciate the hosting organization IIIT Hyderabad, which is celebrating its silver jubilee in 2022. We thank the researchers at the Data Sciences and Analytics Center (DSAC) and the Kohli Center on Intelligent Systems (KCIS) at IIIT Hyderabad for their support. We also thank the administration and staff of IIIT Hyderabad for their help.

We hope that the readers of the proceedings find the content interesting, rewarding, and beneficial to their research.

April 2022

R. Uday Kiran
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