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Kevin Daimi · Abeer Al Sadoon
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Proceedings of the ICR'22 International Conference on Innovations in Computing Research

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Preface

ICR 2022, the First International Conference on Innovations in Computing Research, was held in Athens, Greece, from August 29 to 31, 2022, at the Novotel Hotel. ICR'22 was sponsored by the Spanish National Research Council (CSIC), Spain; Australian Computer Society (ACS), Australia; Polytechnic Institute of Porto, Portugal; University of Detroit Mercy, USA; Features Analytics, Belgium; and Flexens Ltd, Finland.

ICR'22 encompasses six tracks: Data science, computer and network security, Internet of things, health informatics and biomedical imaging, smart cities and smart energy, and computer science and engineering education

The conference received many submissions. Only 45 papers were selected by the program committee for presentation at the conference. There were two presentation modes: online (virtual) and on-site at Novotel hotel. 15 papers were presented online, and 30 papers were presented on-site. These proceedings contain the revised versions of the papers that took the comments of the reviewers into consideration. Only the program committee members were used as reviewers, and no secondary reviewers were allowed. The revisions were not re-reviewed. The authors assume full responsibility for the contents of their final papers. All papers were checked for plagiarism using the Turnitin App.

It gave us great pleasure to experience the great dedication of the advisory committee, organization committee, and program committee. This dedication greatly contributed to the success of ICR'22. Without the excellent papers that were accepted by the program committee, this conference would have not existed. Therefore, we are delighted to thank all the authors for their hard work to come up with excellent original papers and for their productive cooperation with us to incorporate the comments of the reviewers that participated in improving their papers and submitting their camera-ready papers on time.

We are grateful to the editorial director in charge of the Springer book series: *Advances in Intelligent Systems and Computing*: Dr. Thomas Ditzinger. We greatly appreciate his valuable help and support. We would also like to thank Gowrishankar Ayyasamy, the project coordinator of ICR'22 proceedings book project.

August 2022

Kevin Daimi
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The 1st International Conference on Innovations in Computing Research (ICR'22) Athens, Greece August 29–31, 2022

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