

# Message from AICCSA'2022 Program Chairs

Welcome to the 19<sup>th</sup> ACS/IEEE International Conference on Computer Systems and Applications (AICCSA'2022), organized from December 5-7, 2022 in Zayed University- Abu Dhabi, United Arab Emirates (UAE). As co-chairs of the Program Committee (PC), we are delighted to introduce this year's technical program and proceedings of AICCSA'2022.

AICCSA'2022, in collaboration with IEEE, continues its mission of covering trendy areas in computer systems and applications and providing the latest results on theory, design, analysis, implementation, and application in the domain. In this edition, the main conference program is organized in seven technical sessions, for which the technical committee selected high-quality papers: 1) Ubiquitous, Parallel and Distributed Computing (including cloud, IoT, network, sensors, blockchain technologies), 2) Security, Privacy, and Trust, 3) Data Science, knowledge engineering, and ontologies (including Information Retrieval, Big Data, Databases, and Knowledge Systems), 4) Artificial Intelligence & Cognitive Systems, 5) Natural Language Processing, 6) Multimedia, Computer Vision, and Image Processing.

The conference and satellite events attracted 119 submissions from authors in 31 countries. From these submissions, 93 were submitted to the main conference and 26 to satellite events. The evaluation of these papers consisted of a double-blind peer review process, where each paper was evaluated by three reviewers, followed by PC and Steering Committee discussions. As a result, the main conference accepted 39 regular papers for publication, yielding a 42% acceptance rate.

We emphatically acknowledge the PC members and reviewers for their hard work, the insightful paper reviews, and discussions.

AICCSA'2022 hosted four satellite events:

- 5th International Workshop on Health Informatics: IT Innovations and Disruptive Approaches in the Digital Health Era (HOPE'22)
- International Workshop on Artificial Intelligence for Cybersecurity (AICS'22)
- The Federated Systems & Testbeds Workshop on 5G and Beyond (FSW5G'2022)
- Symposium of Computing, Informatics, Multimedia, and Networking (CIMN)

A total of 48 papers from the total submissions were selected to be presented in these satellite events. The selection followed the same double-blind process as the papers for the main event. We also held a PhD forum with four short/abstract papers.

Finally, the AICCSA community is aware of the importance of discussing and promoting the role of women in computer science in STEM disciplines. Therefore, the program has included a W-STEM session where prominent female professionals from academia and industry presented keynotes and panel short interventions on their research and development projects and their professional experience.

We thank the conference steering committee, the general chairs, the organizing committee, the registration committee, the finance committee, and the publicity chairs for their help in putting together this technical program. We also thank track chairs as well as the program committee of each track who worked with the PC in paper reviews. Finally, we want to express our gratitude to all authors for choosing AICCSA as a venue for their work.

We hope you enjoy the technical program.

**AICCSA'2022 Program Committee Co-Chairs**

**Rima Grati**, Zayed University, UAE

**Cihan Tunc**, University of North Texas, USA