

# Message from the AICCSA 2020 Program Chairs

Welcome to the 17th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2020), organized from 2 November to 5 November 2020. Originally, the event should have been held in Antalya, Turkey. However, due to the COVID-19 pandemic, the conference was held online.

As Co-Chairs of the Technical Program Committee (TPC), we are delighted to introduce this year's technical program and proceedings of AICCSA 2020.

AICCSA 2020, in collaboration with IEEE, continues on 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) AI, Agent Systems and Ambient Intelligence, 2) Security, Privacy and Trust, 3) Networking, IoT, and Sensors, 4) Multimedia, Computer Vision and Image Processing, 5) Software Engineering, 6) Semantics and Knowledge Management & Data Bases and Information Systems, and 7) Natural Language Processing and Applications.

The conference and satellite events attracted 170 submissions from authors in 34 countries. From these submissions, 124 were submitted to the main conference and 46 to satellite events. The evaluation of these papers consisted of a double-blind peer review process, where each paper was evaluated by at least three reviewers, followed by TPC and Steering Committee discussions. As a result, the main conference accepted 29 regular paper for publication, yielding a 23% acceptance rate.

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

AICCSA 2020 hosted four satellite events:

- IEEE International Symposium on Cyber-Physical Systems Concerns and Applications (IEEE CPS'CAPP 2020);
- International Workshop on Computational Intelligence and Big Data for Scientific and Technological Resources and Services (STRS'2020);
- 3rd International Workshop on Health Informatics: IT Innovations and Disruptive Approaches in the Digital Health Era (HOPE'20);
- The Sixth IEEE International Workshop for Data Science and Computing (DSC'2020).

A total of 32 papers were selected to be presented in these satellite events. The selection followed the same double-blind process as the papers for the main event.

Finally, the AICCSA community is aware of the importance of discussing and promoting the role of women in computer science and in general in STEM disciplines. Therefore, for the third time, the program has included a W-STEM session where two 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, and the finance committee as well as 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 TPC in paper reviews. Finally, we would like to thank all submitting authors for considering AICCSA as a venue for their work.

We hope you enjoy the technical program.

**Dr. Genoveva Vargas-Solar**, CNRS, LIG-LAFMIA, France

**Dr. Martin A. Musicante**, Universidade Federal do Rio Grande do Norte, Brazil

**AICCSA 2019 Program Committee Co-Chairs**