Message from the AICCSA 2018 Program Chairs

Welcome to the 15th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2018), organized in Aqaba, Jordan, from 28 October to 1 November 2018. As Co-Chairs of the Technical Program Committee (TPC), we are delighted to introduce this year’s technical program and proceedings of AICCSA 2018.


The conference is truly international in scope and attracted submissions from 36 countries. The 488 members of the Program Committee come from 42 different countries.

We are grateful to all the authors who submitted their work to AICCSA 2018. We received 231 submissions for the Main Tracks. After a rigorous review process that involved at least two reviews, and generally three reviews, for each paper followed by TPC discussions, the committee accepted 58 regular papers, giving an acceptance rate 25% for the main track as well as 28 papers accepted for posters session. We are extremely grateful for the hard work, the insightful paper reviews, and thoughtful discussions by TPC members.

There were also two symposiums and three workshops:

- The Second International Symposium on Social Computing and Arabic Language Processing (SC-ALP’2018)
- The First International Workshop on Health Informatics: Patient-Centred Solutions and Educational Approaches in the Digital Health Era (HOPE‘2018)
- The Second Workshop on Automation of Cloud Configuration and Operations (ACCO‘2018)
- The Fourth International Workshop for Data Science and Computing (DSC‘2018)

We are also glad that the technical program of AICCSA 2018 has included 3 relevant tutorials in concordance with the conference scope given by senior researchers:

- Artificial Intelligence & Services, by Prof. Salima Hassas, Prof. Nadia Kabachi & Prof. Chirine Ghedira, University of Lyon, France
- Networks, by Prof. Jaime Lloret, Polytechnic University of Valencia, Spain
- Internet of Things, by Prof. Khalil Drira, Dr. Sami Yangui, Université of Toulouse, France

We would like to thank the conference steering committee, the general chairs, the organizing committee, the registration and finance committee as well as the publicity chairs for their help in putting together this technical program. We would also like to extend our thanks to 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. Mahdi Zargayouna, IFSTTAR, France

Dr. Mohamad Alsmirat, Jordan University of Science and Technology, Jordan

Prof. Aura Conci, Universidade Federal Fluminense, Brazil

Prof. Nadjia Benblidia, University of Blida, Algeria

AICCSA 2018 Program Committee Chairs