

Advances in Intelligent Systems and Computing

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Janusz Kacprzyk, Systems Research Institute, Polish Academy of Sciences,
Warsaw, Poland

e-mail: kacprzyk@ibspan.waw.pl

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Preface

This book is composed by the papers written in English and accepted for presentation and discussion at The 2019 International Conference on Information Technology & Systems (ICITS'19). This conference had the support of the University of Armed Forces (Universidad de las Fuerzas Armadas “ESPE”), IEEE Systems, Man, and Cybernetics Society, and AISTI (Iberian Association for Information Systems and Technologies). It took place at Sangolquí, Quito, Ecuador, February 6–8, 2019.

The 2019 International Conference on Information Technology & Systems (ICITS'19) is an international forum for researchers and practitioners to present and discuss the most recent innovations, trends, results, experiences, and concerns in the several perspectives of information technology and systems.

The Program Committee of ICITS'19 was composed of a multidisciplinary group of 152 experts and those who are intimately concerned with information systems and technologies. They have had the responsibility for evaluating, in a ‘double-blind review’ process, the papers received for each of the main themes proposed for the conference: (A) Information and Knowledge Management; (B) Organizational Models and Information Systems; (C) Software and Systems Modeling; (D) Software Systems, Architectures, Applications and Tools; (E) Multimedia Systems and Applications; (F) Computer Networks, Mobility, and Pervasive Systems; (G) Intelligent and Decision Support Systems; (H) Big Data Analytics and Applications; (I) Human–Computer Interaction; (J) Ethics, Computers and Security; (K) Health Informatics; (L) Information Technologies in Education; (M) Cybersecurity and Cyber-defense; (N) Electromagnetics, Sensors and Antennas for Security.

ICITS'19 also included several workshop sessions taking place in parallel with the conference ones. They were sessions of the WMETACOM 2019 – 2nd Workshop on Media, Applied Technology and Communication.

ICITS'19 received about 300 contributions from 31 countries around the world. The papers accepted for presentation and discussion at the conference are published by Springer (this book) and by AISTI, and will be submitted for indexing by ISI, EI-Compendex, SCOPUS, DBLP and/or Google Scholar, among others.

We acknowledge all of those that contributed to the staging of ICITS'19 (authors, committees, workshop organizers and sponsors). We deeply appreciate their involvement and support that was crucial for the success of ICITS'19.

February 2019

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