
Editorial

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The special issue on *Information, Communication and Energy Systems and Technologies* of the *International Journal of Reasoning-based Intelligent Systems (IJRIS)* includes five scientific papers. They are extended versions of papers selected among 96 presented works at the *L International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST'2015)*. The conference was held from June 24th to 26th, 2015, in Technical University of Sofia (TU-Sofia), Bulgaria. Jointly organised every year by the Faculty of Telecommunications at TU-Sofia, the Faculty of Electronic Engineering at the University of Niš, Serbia and the Faculty of Technical Sciences at University ‘St. Kliment Ohridski’, Bitola, Macedonia it has established productive relationship among large number of scientists from all over the world.

Wide variety of fundamental studies, surveys, and practical applications are covered within ICEST. Reported results are from the fields of informatics and computer science, computer systems and internet technologies, digital image processing, energy systems and efficiency, engineering education, measurement science and technologies, radio communications, microwaves,

antennas, signal processing, telecommunication systems and technologies and others. Recognised at present as a highly reputable forum the conference gathers for 15 years now authoritative researchers from both the academic sector and industry along with young explorers and students taking their first steps through the challenging paths of science. The papers presented in the current issue reveal significant contemporary results related to the automation of smart homes, medical image classification, text document processing, over-voltage protection, and computational optimisation all from a practical point of view. It is hoped that their disclosure will be found useful by a broad audience for future incorporation in a large set of advanced reasoning-based intelligent systems at the stage of their design and implementation.

We would like to express our sincere thanks to all the colleagues taking part in the 50th International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST'2015) and to Professor Kazumi Nakamatsu, Editor-in-Chief of *IJRIS*, for his valuable support during the preparation of this special issue.