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Guest Editorial (Vol. 12, No. 1, February 2015)

This special issue of the International Journal of Computer Science and Applications (IJCSA) deals with different themes in relation to intelligent and embedded systems, networking and software engineering, e-learning and automatic processing of natural languages. It basically consists of papers that integrate different computing methodologies for the design, the modeling, the validation, and the control of intelligent and communication software systems. Such methodologies include, but are not limited to, machine learning, Fuzzy Logic, software processes, simulation and validation techniques, and modeling languages such as UML.

Twelve research papers are included in this Special Issue; they are selected as best papers from those presented in the 9th edition of the international conference on intelligent systems: theories and applications (SITA14) that was held on May 7th and 8th 2014 in Rabat, Morocco. SITA'14 dedicated for the presentation, discussion and dissemination of the theory and applications of intelligent systems. It is the result of fruitful cooperation between many universities and institutions. This conference brings together leading scientists, researchers, academics and practitioners in Intelligent Systems from around the world.

This conference aims at presenting the latest research works dealing with current and emerging theories of Intelligent Systems using connectionist and symbolic approaches together with their applications in different engineering fields including Computing, Telecommunications, Networking, Robotics, Manufacturing, as well as Image, Video and Audio Processing. Emphasis is particularly laid on the contribution of these new theories in solving the complex problems that many scientific and industrial communities encounter.

In this Special Issue; the papers are evenly distributed over the main themes (Big Data, Knowledge Management, Machine Learning, E-Learning, Automatic processing of natural languages, Embedded systems, Networking, and Software engineering).

We would like to finish this letter by presenting special thanks to all the editorial board of IJCSA, to the reviewers and to the researchers for their valuable contributions to the journal.

We hope you will enjoy your reading of this special issue of IJCSA.

Mostafa Bellafkih
Abdeslam En-Nouaary
(Guest Editors)



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