International Journal of Computational Intelligence Systems (IJCIS)

Call for Papers : Special Issue
"Artificial Neural Network for Smart System Analysis"

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Aims and Scope

In the past few years, computing Machinery for smart environments, such as smart cities, smart homes, and smart transportation, has become a major trend in computing Machinery. The emergence of new techniques and applications of intelligent sensor-based processing has largely benefited the modern intelligent smart systems. Moreover, brain-inspired computing Machinery and other advanced artificial neural network techniques that have been successfully employed in various areas of robotics, knowledge discovery, big data and other ICT domains, can accomplish impressive results in in-demand fields of computing Machinery such as smart environments and Internet of Things.

The aim of this special issue is to bring together academics and industrial practitioners to exchange and discuss the latest innovations and applications of artificial neural network (ANN) in the domain of Smart Systems (SS). In the past few decades, automated and intelligent Smart Systems have emerged, opening new research directions that are still evolving due to new challenges and technological advances in the field.

Main topics and quality control

The scope of this special issue is the application of artificial neural network techniques and algorithms to design and solve existing problems of smart systems. These techniques include:

- Computer vision for smart systems
- Natural language interfaces for smart systems
- Knowledge based smart systems
- Fuzzy logic based smart systems
- Deep learning for smart systems
- Artificial neural networks for smart systems
- Ontology based smart systems
- Machine learning for smart systems
- M2M learning for smart systems
- Computational Mechanism Design for Smart Systems
- Expert Systems for Smart Systems

Important Dates

Submission of papers:	30 June, 2019
Notification of review results:	15 July, 2019
Submission of revised papers:	15 August, 2019
Notification of final review results:	15 September, 2019

Short CV of guest editor(s)

YUVARAJA T received his PhD from Meenakshi Academy of Higher Education & Research (MAHER), India in Electrical Engineering. At present he is a Senior Researcher in Gwangju Institute of Science and Technology, South Korea He serves as an Editorial Board Member and Reviewer for various international journals. His interest is in neural networks, fuzzy logic in smart systems.

SRETE NIKOLOVSKI, PhD (IEEE M'1995, SM'2005) was born in Belgrade on October 1, 1954. He obtained his BSc degree (1978) and MSc degree (1989) in Electrical Engineering at the Faculty of Electrical Engineering, University of Belgrade and his PhD degree (1993) at the Faculty of Electrical and Computing Engineering, University of Zagreb, Croatia. He is a tenured Full Professor at the Faculty of Electrical Engineering, Computer Science and Information Technology Osijek, Croatia. He was appointed Assistant Professor in 1996 and Full Professor in 2000.