

Tentative Outline

Special Thematic Issue for the International Journal of Sensors, Wireless Communications and Control (SWCC)

Special Issue on: Develop New Generation of Wireless Sensor Networks and Smart Network

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- **Scope of the Thematic Issue:**

With rapidly dropping prices of electronic components, it is possible to design and implement novel, human-centric, solutions. Very often, such systems are conceptualized as smart systems. To achieve “smartness” they combine sensing, actuation, and control, to describe and analyze surroundings, and to make decisions based on the available data, in predictive and adaptive manner, thereby performing smart actions. Furthermore, conceptually, “smartness” of such system is being attributed to some form of autonomous operation.

The aim of the workshop is to bring together contributions from industry and academia that deal with all aspects of smart system design and implementation. We hope to stimulate open-end discussion concerning future developments in the area of smart systems. Therefore, both, theoretical and practical contributions are welcome

Keywords: Network, Sensor, IOT, Green Energy Intelligent Networks.

Sub-topics:

The sub-topics to be covered within the issue should be provided:

- * Smart Antennas
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- * Smart Health
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- * Smart Homes and Cities
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- * Smart Systems and Technologies in Education

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- * Smart Systems for Green Energy
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- * Smart Systems in Business Information Systems
-
- * Software Engineering for Smart Systems
-
- * Intelligent Power Systems and Environments
-
- * Intelligent Transportation Systems
-
- * Internet of Things & Applications in Smart Systems
-
- * Intelligent Networks
-
- * Big Data and Smart Systems
-
- * Biometrics and Smart Systems
-
- * Smart Sensors & Technologies
-
- * Security & Privacy in Smart Systems
-
- * Smart Grids
-
- * Networks

Tentative titles of the articles and list of contributors:

Tentative titles of the articles and list of contributors with their names, designations, addresses and email addresses should be provided

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1. A.Singh and K.K. Singh, "Unsupervised Change detection in remote sensing images using fusion of indices and neuro fuzzy classifier, " The Egyptian Journal of Remote Sensing and Space Science(Elsevier), 2018 , Elsevier [ESCI Indexed, Impact Per Publication 1.611]
2. Singh , K.K., Singh, A., (2016). Identification of flooded area from satellite images using Hybrid Kohonen Fuzzy C-Means sigma classifier,The Egyptian Journal of Remote Sensing and Space Science, Elsevier[ESCI Indexed, Impact Per Publication 1.611].
3. Singh, A., Singh , K.K. (2016).Satellite Image classification using Genetic Algorithm trained Radial Basis Function neural network, application to the detection of flooded areas,Journal of Visual Communication and Image Representation, Elsevier [SCIE indexed, Impact Factor 2.2].
4. Deepa, Singh, A.,Singh , K.K. (2016).Brain tumor detection from MRI images using hybrid genetic FCM,International Journal of Engineering Applied Sciences and

Technology.

5. Singh, K.K., Singh, A., (2016). Detection of 2011 Sikkim earthquake-induced landslides using neuro-fuzzy classifier and digital elevation model, *Natural Hazards*, Springer [SCIE indexed, Impact Factor 1.7].

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1 **Dac-Nhuong Le**, Le Dang Nguyen, Le Trong Vinh (2013), Optimizing State Space of Aho-Corasick Algorithm using Compressed State Storage and Index Table Techniques, *Academic journal the study and application of Information Technology*, Ministry of Information and Communication, Vietnam, Vol.9(29), pp.23-29.

2. **Dac-Nhuong Le**, Nguyen Gia Nhu (2012), Improving the Efficiency of Aho-Corasick Pattern Matching Algorithm using Compress State Storage, *Journal of Science and Technology*, Vol.59(10), pp.64-69, Danang University, Vietnam.

3. **Dac-Nhuong Le**, Nguyen Gia Nhu (2012), Paralleling pattern matching algorithm approach in NIDS/NIPS with OpenMP, *Journal of Science and Technology*, Vol.3(4), pp.35-51 Duytan University, Danang, Vietnam.

4. **Dac-Nhuong Le**, Nguyen Gia Nhu (2012), Optimizing State Space of Aho-Corasick Algorithm using Compressed State Storage and Index Table Techniques, *Journal of Science and Technology*, Danang University, Vol.10(59), pp.64-69.

5. **Dac-Nhuong Le**, Nguyen Gia Nhu, Le Dang Nguyen, Le Trong Vinh (2012), Paralleling QuickSearch pattern matching algorithm approach in NIDS with OpenMP and PThreads, *VNU Journal of Science*, ISSN: 1859-1531, Vol.28, No.4, Tr.255-263, T12/2012

Schedule:

- ✧ **Deadline for receiving papers: August 31, 2020**
- ✧ **Review notifications: September 30, 2020**
- ✧ **Final version of manuscripts: October 31, 2020**
- ✧ **Final submission: November 15, 2020**
- ✧

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