International Conference on Computational Intelligence & Internet of Things (ICCIIoT) 2018

14th– 15th December, 2018

National Institute of Technology Agartala, Tripura, India

Special Session on:

Application of Computational Intelligence Techniques for Computing, Mining & Network Design Problems

Conference Proceedings:

ALL ACCEPTED & PRESENTED papers will be included in **ELSEVIER-SSRN** Digital Library.

Conference Website

http://icciiot2018.iaasse.org/index.html

Paper Submission Link

https://easychair.org/conferences/?conf=icciiot2018

Important Dates

Submission	~~*August 25, 2018*~~ *September 25, 2018*
Acceptance	*October 20, 2018*
Registration	*November 20, 2018*
Camera Ready	*November 20, 2018*
Conference	*December 14-15, 2018*

Call for Paper

Special Session Name:	**Application of Computational Intelligence Techniques for Computing, Mining & Network Design Problems.**
Session Chairs:	Dr. Govind P. Gupta, **NIT, Raipur** Dr. Mridu Sahu, **NIT Raipur**
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The proposed International Conference on Computational Intelligence & Internet of Things (ICCIIoT), 2018 will be held at National Institute of Technology, Agartala, India to enable researchers build connections between different digital technologies based on Computational Intelligence and Internet of Things (IoT).

Smart sensors can collaborate directly with machine without human involvement to automate decision making or to control a task using Computational Intelligence. Smart technologies including green electronics, green radios, fuzzy neural approaches and intelligent signal processing techniques play important roles for the developments of the wearable health care systems. This conference aims at providing a forum to discuss the recent advances on enabling technologies in Computational Intelligence and its applications for IoT.

Please consider submitting to this conference. We are interested in the entire range of concepts from theory to practice, including case studies, works-in-progress, and conceptual explorations.

The objectives of the special session:

Recent advancement in computational intelligence techniques attract many researchers to applied these techniques for solving the complex computing and optimization problems in the field of Wireless Sensor Networks, IoT, Data Mining, and Big Data Optimization and so on. The main objective of this special session is to provide a common platform for the researchers, academician, and PhD research scholars to present, learn and explore the use of the computational intelligence techniques for solving the different optimization problems. This special session will explore the application of different computational intelligence techniques such as ANN, Deep Learning, Fuzzy Logic, metaheuristic algorithms such as GA, PSO, ACO, ABC, Cuckoo Search & so on in the area of Computing, Mining and Network design problems.

Topics of Interest:

Topics of interest include, but are not limited to:

- ✓ Optimization of protocols for Wireless Sensor Networks
- ✓ IoT
- ✓ 5G
- ✓ Vehicular Area Network (VANets)
- ✓ Mobile Adhoc Networks (MANETs)
- ✓ Data Mining
- ✓ Big Data Optimizations
- ✓ Clustering
- ✓ Internet Computing
- ✓ Use of computational intelligence in Health Care
- ✓ Use of computational intelligence techniques in Visual Data exploration and Image mining
- ✓ Use of computational intelligence techniques in Behaviour Science
- ✓ Use of computational intelligence in NP-Complete problem such as clustering, path planning, coverage analysis
- ✓ Application of computational intelligence techniques in Bioinformatics & Biomedical Computing
- ✓ Application of computational intelligence techniques in Smart Grid and Smart Cities