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

14th – 15th December, 2018

National Institute of Technology Agartala, Tripura, India

Special Session on:

Advances in Computational Intelligence and application

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: **Advances in Computational Intelligence and application.**

Session Chair: Dr. Lov Kumar, BITS-Pilani, Hyderabad.

Co-chairs: Dr. Sangeeta, Mrs. Amanpree Kaur, Mrs. Niyati Aggrawal, Jaypee Institute of Information Technology, Noida, UP.

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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:

This special session on Advances in Computational Intelligence and application aims to provide a key platform to exchange information regarding advancements in the computational intelligence fundamental and applied research. It exploits a number of advanced information processing technologies that mainly embody neural networks, fuzzy logic and evolutionary computation. It is this conviction that research on the synergism of CI paradigms has experienced significant growth in the last decade with some areas nearing maturity while many others remaining unresolved.

Topics of Interest:

Topics of interest include, but are not limited to:

- ✓ Neural Networks,
- ✓ Evolutionary Computation,
- ✓ Genetic Algorithms,
- ✓ Fuzzy Systems
- ✓ Optimization Algorithms,
- ✓ Industrial Applications of CI,
- ✓ Computational Simulation,
- ✓ Pattern Recognition and Medical Imaging,
- ✓ Big Data Analytics,
- ✓ Intelligent Social Informatics,
- ✓ Data mining and Visualization,
- ✓ Bioinformatics,
- ✓ Intelligent Systems
- ✓ Machine Learning,
- ✓ Human Machine Interaction,
- ✓ Internet of Things (IoT),
- ✓ Cyber Physical System (CPS),
- ✓ Automated Guided Vehicles (AGVs),
- ✓ Natural Language Processing,
- ✓ Modelling and Simulation,
- ✓ Social Network Analysis