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 and innovation in Computing, Communication and Information Technology

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 and innovation in Computing, Communication and Information Technology**

Session Chair: Dr. Poonam Tanwar, MRIIRS, Haryana.

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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:

The advancement of ICT and Digital Technologies provides an effective medium for students, researcher and teaching professionals to reach out to the users as never before. This session is aimed to provide a platform to share their research work and findings, and to explore opportunities for collaboration and feedback under broader conference themes associated with the Advances and Innovation in Computing, Communication and information technology. It also provides a forum for high quality reports on state-of-the-art theory, technology and applications of "Advances and innovation in Computing, communication and information technology" as used in measurement, automation, scientific research, industry, academia and in other businesses. Rapid developments in these areas have resulted in more intelligent and accurate methods in manufacturing, telecommunication, automation, robotics, environment science, medical monitoring systems and laboratory equipment's also. The initiative provides a focused and highly interactive forum where both researchers and technologists have the opportunity to present and discuss leading research topics, developments and future directions in this area. This session will also help scientist and researchers from different counties in networking/collaborating for better outcomes and knowledge sharing etc.

Topics of Interest:

Topics of interest include, but are not limited to:

- ✓ Computational Intelligence,
- ✓ Data Management, Exploration, and Mining,
- ✓ Robotics
- ✓ Artificial Intelligence and Machine Learning,
- ✓ Computer Architecture and VLSI,
- ✓ Computer Graphics, Simulation, and Modeling,
- ✓ Digital System and Logic Design,
- ✓ Natural Language Processing and Machine Translation,
- ✓ Parallel and Distributed Algorithms,
- ✓ Pattern Recognition and Analysis,
- ✓ Systems and Software Engineering,

- ✓ Nature Inspired Computing,
- ✓ Signal and Image Processing,
- ✓ Reconfigurable Computing,
- ✓ Cloud, Cluster, Grid and P2P Computing,
- ✓ Biomedical Computing,
- ✓ Bioinformatics,
- ✓ Green Computing,
- ✓ Mobile Computing,
- ✓ Ubiquitous Computing,
- ✓ Context Awareness and Personalization, Autonomic and Trusted Computing,
- ✓ Cryptography and Applied Mathematics,
- ✓ Security, Trust and Privacy,
- ✓ Digital Rights Management,
- ✓ Networked-Driven Multicourse Chips,
- ✓ Internet Computing,
- ✓ Agricultural Informatics and Communication,
- ✓ Community Information Systems,
- ✓ Computational Economics, Digital Photogrammetric,
- ✓ Remote Sensing, GIS and GPS,
- ✓ Disaster Management,
- ✓ e-governance, e-Commerce, e-business, e-Learning,
- ✓ Forest Genomics and Informatics,
- ✓ Healthcare Informatics,
- ✓ Information Ecology and Knowledge Management,
- ✓ Irrigation Informatics,
- ✓ Neuro-informatics,
- ✓ Open Source: Challenges and opportunities
- ✓ Web-Based Learning: Innovation and Challenges