

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

14th– 15th December, 2018

National Institute of Technology Agartala, Tripura, India

Special Session on:

Wireless Ad Hoc and Sensor Networks

Conference Proceedings:

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



Conference Website

<http://icciot2018.iaasse.org/index.html>

Paper Submission Link

<https://easychair.org/conferences/?conf=icciot2018>

Important Dates

<i>Submission</i>	<i>August 25, 2018</i>	<i>September 25, 2018</i>
<i>Acceptance</i>	<i>October 20, 2018</i>	
<i>Registration</i>	<i>November 20, 2018</i>	
<i>Camera Ready</i>	<i>November 20, 2018</i>	
<i>Conference</i>	<i>December 14-15, 2018</i>	

Call for Paper

Special Session Name: **Wireless Ad Hoc and Sensor Networks.**

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The proposed International Conference on Computational Intelligence & Internet of Things (ICCIoT), 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 is dedicated to the academicians, developers, industry experts, researcher belonging to the vast communities of Wireless Ad Hoc and Sensor Networks. Please consider submitting original, unpublished contributions in all aspects of Wireless Ad Hoc and Sensor Networks, from mobile networking/computing to cyber-physical systems to Internet of Things, from theory to systems to applications.

Topics of Interest:

Topics of interest include, but are not limited to:

- ✓ Algorithms for Wireless Ad Hoc and Sensor Networks
- ✓ Application Layer Protocols
- ✓ Clustering, topology control, coverage, and connectivity
- ✓ Cognitive networking
- ✓ Cooperative and cognitive communication
- ✓ Cooperative sensing, compressive sensing, sensing from communications
- ✓ Cloud, crowd-sourced, participatory and (mobile) social sensing
- ✓ Cyber-physical systems and applications
- ✓ Data gathering, fusion, and dissemination
- ✓ Energy-efficient architectures, algorithms, and protocols
- ✓ Experiences in real-world applications and deployments
- ✓ Heterogeneous networks
- ✓ Internet of Things (IoT) devices, gateways, and infrastructure
- ✓ Localization and Location Based Services
- ✓ Measurements, experimental systems and test-beds
- ✓ Mobile computing and networking
- ✓ Mobility modeling and management
- ✓ Multi-channel, multi-radio and MIMO technologies
- ✓ Network components, operating systems, and middleware
- ✓ Opportunistic networking, delay tolerant networking
- ✓ QoS and Resource management

- ✓ Robotic networks
- ✓ Routing protocols for Wireless Ad Hoc and Sensor Networks
- ✓ Scalability, stability, and robustness of networks and sensor systems
- ✓ Security and privacy at all layers, including the physical layer
- ✓ Sensor enabled drone, UAV, UUV systems
- ✓ Smart grid, healthcare, transportation applications
- ✓ Underwater Sensor Networks
- ✓ Vehicular networks and protocols
- ✓ Wearable and human-centric devices and networks.

ICCHOT 2015