

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

14th – 15th December, 2018

National Institute of Technology Agartala, Tripura, India

Special Session on:

The IoT Revolution: opportunities and Challenges

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 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: The IoT Revolution: opportunities and Challenges.
Session Chair: Dr. Shital Raut, Assistant Professor, CSE Dept., VNIT Nagpur.
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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:

Internet of Things(IoT) is a latest buzz which brings tremendous improvements in user experience and system efficiency. It will have a transformational impact on not only day today life but on all industries. It will re-shape business models and industry configurations. The whole objective is to accelerate the adoption of IoT technologies and applications for the benefit of society. Currently IoT systems are applied in the areas like smart cities, health systems, smart homes, etc. Due to the large number of heterogeneous elements interacting and working under IoT systems, there is an enormous need of resource management for the smooth running of IoT operations. Optimizing the computing resources needed by IoT systems needs to be performed at device layer, networking layer, middleware layer, application service layer and data semantics layer. Lot of security issues need to be addressed. Managing of computing resources can also be performed by implementing protocols, machine learning, deep learning and artificial intelligence techniques to enhance the scalability, reliability and stability in the operations.

The motivation of this special issue is to solicit the efforts and ongoing research work in the domain of IoT to figure out the different challenges, opportunities and addressing the other issues.

Topics of Interest:

Topics of interest include, but are not limited to:

- ✓ IoT Enabling Technologies
- ✓ Broadly Applicable IoT Techniques and Methods
- ✓ IoT Application and Services
- ✓ IoT Multimedia and Societal Impacts
- ✓ Security and Privacy for Internet of Things
- ✓ IoT Experimental Results and Deployment Scenarios
- ✓ Resource management for IoT
- ✓ Co-existence of technologies, limitation and solutions
- ✓ IoT Protocol overview, issues and solutions