

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

14th – 15th December, 2018

National Institute of Technology Agartala, Tripura, India

Special Session on:

Machine Learning for Internet of Things

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: Machine Learning for Internet of Things.

Session Chair: Dr. Priyanka Mishra, GIT Jaipur.

Co-chairs: Dr. Akash Saxena, CIIT Jaipur.

Convener: Ms Vidhi Sen, GIT Jaipur

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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:

IoT is the most significant sources of new data, data science will provide a considerable contribution to making IoT applications more intelligent. Data science is the combination of different scientific fields that uses data mining, machine learning, and other techniques to find patterns and new insights from data.

Machine learning uses supervised learning techniques on historical data to make cognitive decisions. The greater the quantity of historic data, the better the decision-making capabilities of the algorithm. This philosophy makes IoT the ideal use case for machine learning as the data generated by the devices are usually very frequent.

Topics of Interest:

Topics of interest include, but are not limited to:

- ✓ IOT
- ✓ Computational Intelligence,
- ✓ e Representation
- ✓ Data Management, Exploration, and Mining,
- ✓ Robotics
- ✓ Artificial Intelligence and Machine Learning,
- ✓ 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