

# 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT), 2018

Malaviya National Institute of Technology (MNIT), Jaipur

March 26-27, 2018

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

**Paper Submission Deadline: December 25, 2017**

**Paper submission Link: <https://easychair.org/conferences/?conf=iciotct2018>**

**Call for Papers**

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**Special Session: Decentralized IoT Security and Standards(DISS)**

**Session Chair:** Dr. Priyanka Mishra

**Co-chair:** Dr. Smita Agrawal

**Convener:** Richa Sharma

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The **ICIoTCT 2018** conference is a platform to discuss advances in Internet of Things (IoT) and connected technologies (various protocol, standards etc.). The recent adoption of a variety of enabling Wireless communication technologies such as RFID tags, BLE, ZigBee, etc. and embedded sensor and actuator nodes, and various protocols such as CoAP, MQTT, DNS etc. have made IoT to step out of its infancy. Now smart sensors can collaborate directly with machine without human involvement to automate decision making or to control a task. Smart technologies including green electronics, green radios, fuzzy neural approaches and intelligent signal processing techniques play important roles for the developments of the wearable healthcare systems. This conference aims at providing a forum to discuss the recent advances on enabling technologies and applications for IoT.

On the eve of the occasion of **ICIoTCT-2018** a special session on **“Decentralized IoT Security and Standards (DISS)”** will be conducted by **Dr. Priyanka Mishra**, as session chair, and **Dr. Smita Agrawal** as Co-Chair and **Richa Sharma** as Convener. Original contributions are solicited for the special session **“Decentralized IoT Security and Standards(DISS)”** to be held at **ICIoTCT-2018**

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A decentralized approach to IoT security brings forth many opportunities but also challenges, such as operating with constrained device and network capabilities, state synchronization, and trust management. At the same time, many IoT standards are now under development and decisions are being made today which will have long-term impact on the security of these systems. Of particular interest are open standards (e.g., IETF CoAP, OCF, and LWM2M), developed by organizations such as the IETF and the W3C including W3C Web of Things. Many of these open standards implicitly or explicitly support metadata and have interoperability as goals. These features widen the scope and enhance the utility of these standards, but also raise new security and privacy issues that need to be discussed and addressed. Systems composed of multiple standards also raise challenges: for example, how to maintain security across bridges and how to evaluate trust across standards boundaries.

### Topics of Interest for this session are:

1. Data Mining for the IoT
2. Soft computing for the IoT
3. Intelligent Network Technologies for the IoT
4. Intelligent Security Framework and Protocol for the IoT
5. IoT in industry
6. Internet of Vehicles
7. Enabling deep learning on IoT Devices
8. Real-time cognitive IoT using deep learning and machine learning
9. IoT Data Analytics Using Deep Learning
10. Intelligent Machine Learning Applications in IoT
11. IoT system architecture and Enabling technologies
12. IoT services and Applications optimizing the use of big data
13. Medical IoT and Predictive Model
14. Neural Networks in IoT
15. Role of IoT in Automotive
16. Secure Products in the Age of IoT
17. End to End IoT Security
18. Machine Design
19. IoT Embedded Applied Engineering : SCADA, Smart Metering, Building Automation, Connected Public Lighting, Smart Grid

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### Paper Submission

Authors wishing to submit their papers must refer to the website, for paper structuring and formatting guidelines in detail, at <http://iciotct2018.iaasse.org/international-conference-on-internet-of-things-and-connected-technologies-iciotct-2018-submission-publication>.

Only electronic submissions will be considered. Papers submitted by e-mail will not be considered.

### Publication

The conference aims at carrying out double blind review process. The papers submitted by the authors will be assessed on the basis of their technical suitability, scope of work, plagiarism, novelty, clarity, completeness, relevance, significance and research contribution.

**ALL ACCEPTED** papers will be included in **ELSEVIER Digital library**.

### Deadlines to Remember

<b>Submission</b>	<b>December 25, 2017</b>	<b>Acceptance</b>	<b>February 05, 2018</b>
<b>Camera Ready Submission</b>	<b>February 15, 2018</b>	<b>Registration</b> (for inclusion of Paper in Proceedings)	<b>February 15, 2018</b>

For any other query please visit our conference website <http://iciotct2018.iaasse.org/home> or write us back at [iciotct@iaasse.org](mailto:iciotct@iaasse.org)