

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>

Conference Website: <http://iciotct2018.iaasse.org/>

Call for Papers

Special Session: Advances in Data Analytics over Cloud and Network Security

Session Chair: Dr. Rajesh Purohit

Co-chair: Dr. Satyen M. Pareek

Convener: Dr. Dinesh Goyal

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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 “**Advances in Data Analytics over Cloud and Network Security**” will be conducted by **Dr. Rajesh Purohit**, as session chair and **Dr. Dinesh Goyal** as Convener. Original contributions are solicited for the special session “**Advances in Data Analytics over Cloud and Network Security**” to be held at **ICIoTCT-2018**.

Advanced data analysis refers to qualitative and quantitative techniques and processes designed to increase productivity and business benefits. Data is extracted and categorized to identify and analyze behavioral data and patterns, and the techniques vary according to organizational requirements. The cornerstone of data analysis in the cloud is cloud computing. Analytics in the cloud, such as tracking social media engagement and statistics, simply apply the analytic principle to information on the cloud drive rather than on a single server or drive. Best Use of Data Analytics: Social Media, Tracking Products, Tracking Preferences, Records, and more. Data analysis of cyber security focuses on monitoring and analyzing network traffic data to prevent or quickly identify malicious activity. This requires advanced analytics to go beyond simple rule-based approaches and be able to run a large amount of analysis of current and historical data - driving data security analytics. Combining the current state of analytics with security helps organizations improve cyber security resiliency

Topics of Interest for this session are:

- Big data analytics in the cloud.
- Hadoop: The new enterprise data operating system
- More predictive analytics
- Big Data Lakes
- Security of Big data over cloud and its infrastructure
- Deep learning
- In-memory analytics.
- Energy optimisation.
- Cloud Load balancing.
- Security and integrity.
- Privacy in multi-tenancy clouds.
- Data Segregation, Data recovery and backup.
- Scheduling for resource optimization
- SQL Injection Prevention System PHP.
- Secure Backup Software System.
- Secure E Learning Using Data Mining Techniques.
- Android Video Encryption & Sharing
- Multimedia Security
- Network Security
- Mobile Networking
- Energy and Networking
- Software defined Networking
- Next Generation Internet

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.

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Deadlines to Remember

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

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