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: Internet Security for IoT Enabled Web & Cloud Services
Session Chair: Dr. Gagandeep Kaur
Co-chair: Dr. Prakash Kumar & Mahendra Gurve
Convener: Saumya Pandey, Shobhit Jain
E-mail: dr.gagandeepkaur@gmail.com, prakash.kumar@jiit.ac.in, mahendra.gurve@jiit.ac.in, shobhitj.dpsr@gmail.com
Mobile: 9818671388, 9810292083, 9871160843, 8368305143

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 "Internet Security for IoT Enabled Web & Cloud Services" will be conducted by Dr. Gagandeep Kaur as session chair and by Dr. Prakash Kumar & Mahendra Gurve as Co-Chairs. Original contributions are solicited for the special session "Internet Security for IoT Enabled Web & Cloud Services" to be held at *ICIOTCT-2018*.

This special session on "Internet Security for IoT Enabled Web & Cloud Services" covers areas of IoT, Cloud and Network Security. Today's world is the world of Internet. Everything from computing to communications is connected in this world. The devices have become smart and network communication can be provided to gadgets and tools used in daily life like washing machines, TVs, geysers, ACs, etc. Cities are becoming smart cities. It is under these advancements that Internet has to support approximately 50 billion IoT devices. Since Power consumption by IoT devices is going to be a big concern due to substantial increase of smart devices in near future, thus energy efficient solutions are the need of the hour in IoT and Cloud arena.

No doubt the IoT technology has provided new realms of research but with it has come the omnipresent threats, challenges and risks of the cyber world like Network Vulnerabilities, Spams, DDoS Attacks, Botnet Attacks, Malwares, Ransomwares, Phishing, fakes etc. So to maintain the trust of the growing number of applications and users research in the areas of applicability of IoT is need of the hour.

IoT needs to overcome not only growth in wired and wireless infrastructure, hardware, sensors, systems-on-a-chip, architectures, IoT standards, IoT platforms and design methodologies, firmware, application software, connectivity, cloud, and security, IoT communication and networking protocols, IEEE 802.15.4, 802.15.4 functional devices, Zigbee architecture and protocols, challenges of adapting IoT but hurdles in security & privacy as well. Research is being focussed on techniques & algorithms based on supervised and unsupervised deep learning handling streamed data combined with data cleaning & preprocessing, feature selection & extraction, etc. supported by publicly available datasets, simulators and testbeds.

In this special session on "Internet Security for IoT Enabled Web & Cloud Services" we seek excellent-quality research contributions from academia, industry, and government projects in the field of IoT security. Topics of interest include, but are not limited to, the following:

- Machine to Machine Communication
- IoT Protocols
- SDN for IoT
- IoT in Healthcare, Industry, Agriculture & Smart Cities
- FoG Computing for IoT
- Cloud Computing for IoT
- Sensor Networks & Security in IoT
- Botnet Attacks in IoT
- Spams in IoT devices
- IoT Malware & Ransomware
- IoT Security features in Operating Systems and Middleware
- IoT Simulators & Testbeds
- IoT Performance Measurement Metrics
- IoT Network Traffic Capturing and Anomaly Detection
- Visualization & Virtualization in IoT Security
- IoT & Biometrics
- Cyber Attack Detection and Mitigation Systems for IoT Networks
- Cloud Computing-based Security Solutions for IoT Data
- Cloud of Things Security and Privacy
- Bias and Fake Information in IoT Networks
- Network Security
- Web Application Security
  Energy efficient techniques and algorithms for IoT and Cloud

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***