

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: Multi-Modal Data Mining and Machine Learning Applications

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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 “**Multi-Modal Data Mining and Machine Learning Applications**” will be conducted by **Dr. Madhu Kuamri**, as session chair. Original contributions are solicited for the special session “**Multi-Modal Data Mining and Machine Learning Applications**” to be held at **ICIoTCT-2018**.

This special session on “**Mutli-Modal Data Mining and Machine Learning Applications**” is to deliberate and encourage the ideas and works on eclectic and mixed form of data analysis especial on Machine Learning applications to IOT systems.

The philosophy behind machine learning is to automate the creation of analytical models in order to enable algorithms to learn continuously with the help of available data. Machine learning has experienced a boost in popularity among industrial companies thanks to the Internet of Things (IoT). Many companies are already designating IoT as a strategically significant area. The scope of operations these algorithms can handle is truly impressive. Machine learning can be used to more effectively to monitor data exchanges, such as in Bitcoin mining, but can also analyze historical data to predict threats and crimes before they even happen. Decades of refining machine learning capabilities have made its algorithms truly useful tools, which can be used not only to secure and make money off the IoT, but also expand it into other realms of life, too.

Topics:

The topics of interest for this session include but are not limited to:

- Architecture of imaging and vision systems

- Cognitive aspects of image understanding
- Data fusion from multiple sensor inputs
- Natural Language Processing
- Document image understanding
- Image analysis and interpretation
- Image compression techniques
- Event-based image processing
- Event-based data sampling scheme
- Event-based reading strategies for image sensors
- Frameless event-based image systems
- Event-driven vision sensing
- Anomaly detection
- Weakly supervised learning
- Image classification
- Object localization and tracking in images
- Group-based classification
- Image processing applications
- Image processing: coding analysis and recognition
- Image sensing
- Imaging systems and image scanning
- Implementation and architectures
- Monitoring and surveillance
- Network architecture for real-time video transport
- Remote image sensing
- Retrieval and multimedia
- Signal-processing aspects of image processing

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