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Paper selected for presentation shall be published in Springer book series in **"Lecture Notes in Electrical Engineering"**(LNEE). LNEE is indexed in ISI Proceeding, EI-Comendex, Scopus, MetaPress, Springerlink. **Extended version of paper will be recommended for publication in ESCI, Scopus and Web of Science Journals.**

Paper submission link: https://easychair.org/conferences/?conf=icetit2019
Conference Website: http://iitmjanakpuri-sdc.com/icetit2019/

Call for Papers

Special Session: Big Data, Cloud and Internet of Things (IoT)

Session Chair: Dr. Mansaf Alam, Jamia Millia Islamia, New Delhi

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Details of Proposed Session

Big data and cloud computing technologies have taken over the market of next generation tools. Their immense popularity can be attributed to their wide applicability and scope of their use in commercially viable solutions. However, the integrated use of big data and cloud computing is yet to mature. Big data lifecycle is made up of phases, which include acquisition, storage, processing and visualization. Cloud computing needs to finds its place in each of these phases to unleash the true power of these technologies for the development of API-based solutions.

Internet of Things (IoT)comprises of a system with many devices connected over a network. It can offer solutions to issues such as climate change, weather forecast, healthcare etc. A typical application using IoT comprises of tasks such as data generation via smart devices, data visualization, storage typically on a cloud and analysis. Thus, these three technologies: IoT, Big Data and Cloud computing can together lead to newer challenges in data management, cloud based storage, data-analytics, or communication. Thus, the objective of this special session is to attract academic and industry researchers to address the aforementioned challenges on top of this trio-based architecture.

The topics of interest of this special session include, but not limited to:

1. Efficient data storage in the Cloud
2. IoT Data management in the Cloud
3. Real time big data analysis
4. Big data applications
5. Cloud of Things
6. Big Data Processing and Analysis
7. IoT Applications
8. Performance Characterization of Big Data
9. Case Studies on Big Data and IoT
10. Security, Privacy, reliability and trust in Big Data and Cloud
11. Evaluation and Optimization of Big data
12. Future Trends in Big data analytics, IoT and Cloud Computing