

**IEEE International Workshop
on
Computing and Communication Technologies for IoT (IWCCT)
in conjunction with
19th IEEE International Conference on Pervasive Intelligence and Computing
(PICom 2021) October 25-28, 2021, Calgary, Canada**
<http://cyber-science.org/2021/PICom/>



Internet of Things (IoT) has emerged as a revolution for the development of futuristic smart cities. It is one of the hottest trends in technology, is transforming our future by interconnecting everything; humans, vehicles, appliances, utilities, infrastructures, street lights and anything through an intelligent connection. The evolution of IoT has been progressively adopted by various organization and industrial community for the development of numerous smart communities (smart healthcare, intelligent transportation systems, industry 4.0, smart grid, Internet of drones, etc). A major shift of technical paradigm has been witnessed in industrial and manufacturing sector. The huge amount of data generated by smart devices can be collected and investigated in an intelligent manner in order to improve the decision making. IoT has engulfed each and every corner of the modern smart communities to provide sustainable growth of development.

The topics for the workshop include the following but are not limited to:

Emerging solutions for amalgamation of 5G with Intelligent IoT, Spectrum sensing, management and mobility handling in IoT environment, Routing Protocol for intelligent communications in IoT environment, intelligent traffic prediction and allocation strategies for mobile IoT, Emerging communication and networking technologies in IoT environment, Software Defined Networks and Network Functions Virtualization, Novel technologies for low latency transmission between IoT devices, Artificial intelligence, machine/deep learning solutions in IoT environment, Big data analytics and processing in IoT environment, Location-awareness applications and solutions in IoT environment, Standardization aspects and regulatory framework for IoT, Security architectures and access control mechanisms in IoT environment, Authentication and authorization for distributed caching in mobile IoT, Cryptographic protocols against internal attacks in IoT environment, Information sharing, data protection and privacy protection in IoT environment, Trusted computing platform and models for IoT, Lightweight block chain solutions for IoT ecosystem, Cloud/edge/fog computing paradigms for IoT ecosystem, Sustainable and energy efficient solutions in IoT environment, Quality of service and Quality of Experience for IoT enabled applications.

Import Dates:

Regular Paper Submission Due: **July 01, 2021**

Authors Notification: **August 01, 2021**

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