

Track: Smart City

As cities change and overgrow, smart city services contribute potent tools for enhancing livability, sustainability, and overall efficiency. Internet of Things (IoT) technology is considered as the heart of a smart city environment to develop the lives of the citizens within it. The IoT-enabled smart city may help to reroute traffic around congestion in real-time, automatically schedule repairs for failed infrastructure like street lighting, and intelligently organize energy and pollution consumption right across the constructed environment. It can defend citizens and businesses from violations as well as safeguard vulnerable citizens in their homes.

Topics of interest include, but are not limited to, the following:

- Novel architectures, protocols, and algorithms for end-to-end IoT and 5G systems to orchestrate Smart Cities
- Software Service Management Technologies, Architecture, and Platforms through Edge-to-Cloud computing networks in Smart Cities
- · Serverless Architecture for large-scale IoT networks of smart cities
- Microservice Architecture for large-scale IoT networks of smart cities;
- Data Management Technologies, Architecture, and Platforms through Edge-to-Cloud computing networks in Smart Cities
- Resource Management Technologies, Architecture, and Platforms through Edge-to-Cloud computing networks in Smart Cities
- ICT Technologies, Architecture, and Platforms through Edge-to-Cloud computing networks in Smart Cities
- How IoT and advanced ML/AI can model in different scenarios of smart cities, for instance, federated learning
- Advance ML and AI techniques for multilevel ICT architecture in smart cities
- Trends and challenges in smart cities
- Case studies, real solutions, designs, and implementations of Smart Cities