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Special Session on

“Smart City Applications Based On Internet Of Things”

Organized by

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Call for Papers

In recent years, the Smart City has become a very popular concept amongst policy makers and urban planners. Internet-of Things (IoT) and wireless sensor networks (WSN) are the key components in the smart city development have increasingly become contributors of very large amounts of data. Such huge amounts of data are generated each day across a variety of domains, with applications including environmental monitoring, healthcare monitoring and transport monitoring. As such, the production efficiency will be enhanced, and a sustainable industrial development will be achieved. Moreover, smart technologies, such as artificial intelligent and control schemes are in demand to address all those concerns. This special session focuses on this discipline and invites all researchers and experts to share their contributions.

Topics of interest include, but are not limited to:

- Design of control algorithms and schemes in smart city
- Tracking system and mobile city applications in smart city
- Real-time monitoring and detection systems
- Artificial Intelligence, big data, cloud computing and applications
- City automation with wireless sensor networks
- IoT experimentation over a smart city testbed
- Emerging IoT technologies and applications: LoRa, Sigfox, NB IoT and 5G
- Drones, robotics and applications
- Privacy and security in the Smart City

▪ **IES Technical Committee Sponsoring the Special Session:**

IES TC Cloud and Wireless, IES TC Standards