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Smart City

Smart cities (also smarter cities) use digital technologies to enhance performance and wellbeing, to reduce costs and resource consumption, and to engage more effectively and actively with its citizens. Developing a smart city to better support growing urban population is a global and complex challenge and involves interdisciplinary fields. Key 'smart' sectors include transportation, smart building, energy, health care, and water systems.

IEEE SmartCity-2021 is aiming to be a premier international conference in smart city. This conference is to bring together computer scientists, industrial engineers and researchers to discuss and exchange experimental or theoretical results, novel designs, work-in-progress, experience, case studies, and trend-setting ideas in the area of smart city. The Smart City 2021 topics include, but are not limited, to the following:

IEEE SmartCity-2021 Topics

Track 1: Smart City Systems
- ✧ Smart Buildings
- ✧ Smart Transportation
- ✧ Smart Environment and Economy
- ✧ Energy-Efficient Smart Grid Systems
- ✧ Smart Grid System Management
- ✧ Citizen Engagement and Smart Governance

Track 2: Enabling Technologies for Smart City
- ✧ ICT for Smart City
- ✧ IoT for Smart Cities
- ✧ Future Internet Architecture and Protocols
- ✧ Machine-to-Machine Communications

Track 3: Big Data and Data Mining for City
- ✧ Big Data for Enterprise and Government
- ✧ Cloud Computing Techniques for Big Data
- ✧ Big Data for Vertical Industries
- ✧ Machine Learning and Data Mining
- ✧ Big Data for Urban Informatics
- ✧ Cyber Security and Privacy for City Data

Track 4: Smart City Services
- ✧ Business Ontologies and Models for Smart City
- ✧ Digital Goods and Services for Smart City
- ✧ E-Marketing and Smart Economy
- ✧ Online Auctions and Technologies
- ✧ Virtual Organizations and Teleworking

Important Dates

Workshop Proposal:	**1 August 2021**
Submission Deadline:	**1 September, 2021**
Authors Notification:	**1 October, 2021**
Camera-ready Due:	**1 November, 2021**
Conference Date:	**17-19 December, 2021**

Paper Submission

All papers need to be submitted electronically through the conference submission website https://edas.info/ with PDF format. Each paper is limited to 8 pages (or 10 pages with over length charge) including figures and references using IEEE Computer Society Proceedings Manuscripts style (two columns, single-spaced, 10 fonts).
For further information, please visit our website: http://www.ieee-cybermatics.org/2021/smartcity/.

Special Issues

1. **IEEE Transactions on Intelligent Transportation Systems**
   SI: Graph-based Machine Learning for Intelligent Transportation Systems
2. **IEEE Transactions on Intelligent Transportation Systems**
   SI: Data Science for Cooperative Intelligent Transportation Systems
3. **IEEE Transactions on Network Science and Engineering**
   SI: The Nexus Between Edge Computing and AI for 6G Networks
4. **IEEE/ACM Transactions on Computational Biology and Bioinformatics**
   SI: Deep Learning-Empowered Big Data Analytics in Biomedical Applications and Digital Healthcare
5. **IET Communications**
   SI: Intelligent Metasurfaces for Smart Connectivity
6. **Security and Communication Networks**
   SI: Protocols, Technologies, and Infrastructures for Secure Mobile Video Communications
7. **MDPI Sensors**
   SI: Recent Advances in Algorithm and Distributed Computing for the Internet of Thing

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