The 18th IEEE International Conference on Smart City (Smart City-2020)

14-16 December 2020, Fiji

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Paper Submission

All papers need to be submitted electronically through the conference submission website https://edas.info/N27663 with PDF format. You can confirm the IEEE Computer Society Proceedings Author Guidelines at the following web page: http://www.computer.org/web/cs-cps/

Smart Cities

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.

As a highly successful International Conferences on Smart City, IEEE SmartCity is aiming to be a premier international conference in smart city. The SmartCity-2020 is the 18th edition of a forum 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.

IEEE SmartCity-2020 will be hosted in Fiji. Fiji is a tropical island nation located in Oceania in the South Pacific Ocean and comprises an archipelago of more than 332 islands, 110 of which are permanently inhabited. Fiji is located about two-thirds of the way from Hawaii to New Zealand, and immediate neighbors include Vanuatu, Tonga, and Samoa. It is a world-renowned resort that attracts many people to visit each year.

IEEE Smart City-2020 Tracks and Topics

Track 1: Smart City Systems
- Smart Buildings
- Smart Transportation
- Smart Environment and Economy
- Energy-efficient smart grid systems
- Smart grid system management
- Smart Grid infrastructure
- 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
- Bussiness 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

Special Issues

1. Information Fusion SI on Fusion from Big Data to Smart Data (IF: 13.669)
2. Information Fusion SI on Data Fusion for Trust Evaluation (IF: 13.669)
3. IEEE Transactions on Industrial Informatics SI on Digital Twinning: Integration AI-ML and Big Data Analytics for Virtual Representation (IF: 9.112)
4. Future Generation Computer Systems SI on Artificial Intelligence for Cyber Defence and Smart Policing (IF: 6.125)
5. Digital Communications and Networks SI on Blockchain-enabled Technologies for Cyber-Physical Systems and Big Data Applications (IF: 5.382)
6. IEEE Transactions on Network Science and Engineering SI on Computing and Networking for Cyber-Physical-Social Systems (IF: 5.213)
7. IEEE/CAA Journal of Automatics Sinica SI on Blockchain for IoTs and Cyber-Physical Systems: Emerging Trends, Issues and Challenges (IF: 5.129)
8. Neurocomputing SI on Edge Intelligence: Neurocomputing Meets Edge Computing (IF: 4.438)
9. Journal of Cloud Computing SI on Security and Privacy Issues for AI in Edge-Cloud Computing (IF: 2.788)
10. Journal of Systems Architecture SI on Ubiquitous Edge Computing for Next Generation IoT and 6G: Architecture, Modelling and Systems (IF: 2.552)
11. Journal of Systems Architecture SI on High-Performance-Computing-Communications for Cyber-Physical-Social Systems (IF: 2.552)
12. MDPI Electronics SI on Blockchain-based Technology for Mobile Applications (IF: 2.412)
13. Software: Practice and Experience SI on Software and Hardware Co-Design for Sustainable Cyber-