# The 20th IEEE International Conference on Smart City(SmartCity-2022)

Dec. 18-20, 2022, Chengdu, China

## Call for Papers

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-2022 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.

### 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: Data Processing Technology

- Data Representation and Processing
- Machine Learning and Deep Learning
- Graph Neural Networks
- Semi-supervised and Unsupervised Learning
- Statistical, Mathematical and Probabilistic Modeling and Theories
- Information Retrieval
- Data Visualization

### Track 3: Data Systems

- Storage and File Systems
- High Performance Access Toolkits
- Compiler and Runtime Support
- Real-time Data Intensive Systems
- Multi/many-core Platforms
- Big Data and Cloud Computing

### Track 4: Data Applications

- Business and Finance Applications
- Industrial Data Applications
- Bioinformatics Applications
- Healthcare and Medical Services
- Applications in Soil and Water
- HPC Systems for Data Applications
- Future Data Applications

## Paper Submission

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). All papers need to be submitted electronically through the website with PDF: Coming soon
For further information, please visit our website: Coming soon

## Paper Publication

All accepted papers are expected to be included in IEEE Xplore and indexed by EI. Selected papers, after further revisions, will be considered for publication in a special issue of Journal of Systems Architecture.

## Co-located with Five Other Conferences

o The 2022 IEEE Int'l Conf. on High Performance Computing and Communications (HPCC-2022)
o The 2022 IEEE Int'l Conf. on Embedded Software and Systems (ICESS-2022)
o The 2022 IEEE Int'l Conf. on Data Science and Systems (DSS-2022)
o The 2022 IEEE Int'l Conf. on Data, Information, Knowledge and Wisdom (DIKW-2022)
o The 2022 IEEE Int'l Conf. on Dependability in Sensor, Cloud and Big Data Systems and Applications (DependSys-2022)

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| Special Session | Jun. 30, 2022 |
| Submission Deadline | Sep. 01, 2022 |
| Author Notification | Oct. 15, 2022 |
| Final Manuscript Due | Nov. 10, 2022 |