

S3: Emerging Trends and Applications of Big data analytics and Internet of Things for Future Smart Cities

Session organizers

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<https://scholar.google.com/citations?hl=en&user=y3c3DwUAAAAJ>

Research Interests: Intelligent Systems; Big data; Artificial Intelligence.

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Research Interests: Social Internet of Things, Big Data

Session Summary:

In recent years, Internet of Things (IoT) is an most evolving interdisciplinary research area for both academia and industry professionals. IoT devices yield massive amount of structured and unstructured data and to deal with this huge data, Big Data Analytics (BDA) is the technology to be adapted. This special issue invites submissions having the scope and exploitation/fusion of BDA and IoT and their applications for future smart cities. Big data analytics has been gaining much attention from diverse disciplines like computer science, information technology, social sciences etc. The intermingling of BDA and IoT results in more advanced, intelligent, smart and efficient systems which is the need of current days and the future. The use of Big Data tools and softwares enable to better process the massive volumes of data that can help to propose new service in a smart city.

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



- Big data analytics and social media
- Machine learning and AI for big data
- Smart computing models, tools, and devices
- Smart computing models, devices, Tools and systems for big data
- Techniques, models and algorithms for big data
- Security and privacy for big data
- Infrastructure and platform for big data and smart computing
- Data and information quality
- Big data and Cloud Computing
- Big data analytics and stock market
- Software Engineering for big data analytics
- Big data analytics for smart cities
- Big Data Analytics for e-healthcare
- Big Data Analytics for water management
- Big Data Analytics for waste management
- Healthcare services and health informatics
- Remote pain/patient monitoring using IoT
- Big Data Analytics for urban traffic management
- IoT and BDA for Smart Grid, Smart Home, Connected Car, Connected Health, Smart
- Farming, Smart Education etc.
- Deployment of Big data for security, privacy, and trust for smart future networks
- Big Data Analytics for mitigating traffic accidents, congestion, environmental pollution, etc.
- IoT based sensing, mining, processing, and communication
- IoT based weather monitoring and forecasting

Submission:



In order to submit to this session, please write “**S3**” as a prefix to your manuscript name. for example, if you have your file name as “**UAVmobility.pdf**”, the submitted file name should be “**S3-UAVmobility.pdf**.”

Template: Template (**Word**)(6 pages max , 2 more pages with extra fees)
(**Latex**)

Submission link:

<https://easychair.org/conferences/?conf=icsca2022>