Call for Contributions

Submission:
1. Inform the Chairs: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=GREEN+2018+Special
Please select Track Preference as **BD-FSC**

Special track

BD-FSC: Big Data and Future Smart Cities

Chair and Coordinator

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along with

GREEN 2018, Third International Conference on Green Communications, Computing and Technologies
September 16, 2018 to September 20, 2018 - Venice, Italy
http://www.iaria.org/conferences2018/GREEN18.html

The fundamental purpose of a smart city is to make everyday life better and better for all human beings and their environment that is involved in it. This goal is not only focused on the people but also the entire ecosystem. Like any kind of sustainable strategy, price and time and especially quality are the main criteria of a project to invest in the benefit of the population and of the whole world.

To do this, a large amount of data must be consulted and analyzed, so that the best course of action can be taken. This is where big data and Internet of Things (IoT) come along.

As Big Data technology becomes more and more implemented into the everyday objects we use, and these products communicate with one another, a more comprehensive set of big data can be looked at. Some potential uses of big data include city water systems which can be monitored and measured by sensors to see if there are any leaks or blockages that will affect water pressure and flow. Besides, water contamination can also be detected and made aware of to the professionals that can help. Moreover, smart energy systems can also efficiently use resources due to the collection of big data. In addition, data scientists can derive how to improve the economy, crime and healthcare by deducing patterns from the data gathered by IoT.

Big Data will be the nerve of all future cities systems. It will be involved in all specific and general areas: Healthcare, Transport, Learning, Decision Maker positions, Security, etc.

Topics include, but not limited to:
- Big data-based government/public services decision making
- Citizen-oriented data-based service utilities
- Big data and pollution sensing in Smart Cities
- Congestion traffic-driving via real-time Big-data
- Big data processing and monitoring for critical services (health, firefighters, emergency, elders areas)
- Big data collection and filtering via Internet of Things (IoT) networks
- Privacy preservation in Smart cities
- Big data for citizen mobility and position tracking
- Big data and predictive transpositions bottlenecks
- Finding citizen behavior patterns (shopping, traveling, parks, etc.)
- Big data energy balance in vehicular path optimization
- Mobility-aware micro-data centers dedicated to Smart cities

- Data-centric IoT networking

Important Datelines
- Inform the Chair (see Contacts below): as soon as you decided to contribute
- Submission: ~~June 1~~ July 10
- Notification: ~~July 2~~ July 30
- Registration: ~~July 16~~ August 10
- Camera ready: ~~July 22~~ August 10

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=GREEN+2018+Special
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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

Contacts
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