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ACM/Springer Mobile Networks & Applications (MONET)
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SPECIAL ISSUE ON
SUSTAINABLE MOBILE NETWORKS AND ITS
APPLICATIONS

Overview:

There is an emerging need for the cities to become smarter in order to tackle the issues related to large scale urbanization and provide a better standard of living. A sustainable networks provides remedy for these challenges by utilizing the resources more efficiently and improves life quality. Smart city provides good infrastructure to the residents, such as it can improve the existing systems by analyzing data from sensors, traffic patterns and tracking systems, parking, street light, water and sanitation services, electricity supply etc. It focuses on making the energy efficient systems by monitoring and controlling energy usage. To make a city smart, a strong communications infrastructure is required for connecting smart objects, people, and sensors together. Elements like a smart grid helps reduce CO2 footprint and energy bills, and wireless sensors uses digital communication technology can continuously monitor, detect and react to local changes.

This special issue focuses on advanced topics in mobile networks and sustainable applications. It aims to provide an intellectual forum for researchers in academia, engineers and practitioners from a wide range of application areas to enable them to present their latest research findings in the areas of mobile networking and other related areas and to identify future challenges in these areas.

Topics

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

<ul style="list-style-type: none">- Sensing technologies and applications for sustainable mobile networks- Wireless networks for smart city surveillance and management- Energy-aware sustainable wireless protocols and algorithms- Data management applications- Cognitive radio networks for smart applications- Multimedia networking for sustainable computing- Security and privacy concerns in sustainable computing- Models of network components' interactions on a smart-city- IoT architectures and middleware's	<ul style="list-style-type: none">- Topology and mobility management in smart cities- Self-organizing wireless networks for pervasive urban access- Smartphone-based sensing systems, tools, applications in Smart City environments- Cloud Computing and sustainable networks- Wireless sensor networks- Mobile ad-hoc networks- Vehicular ad-hoc networks- Embedded sensing and actuating- Systems for distributed Sensing and Control in Smart Cities- Smart home- Real time testbed for sustainable Computing
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Important Dates

- **Manuscript submission deadline:** 29 May 2017
- Notification of acceptance: 29 July 2017
- Submission of final revised paper: 28 August 2017
- Publication of special issue (tentative): September 2017

Submission Procedure

Authors should follow the MONET Journal manuscript format described at the journal site. Manuscripts should be submitted on-line through <http://www.editorialmanager.com/mone/>.

A copy of the manuscript should also be emailed to the Guest Editors at the following email address(es).

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