Special Issue

Crowdsensing for Wireless Communication and Networking

Message from the Guest Editor

Crowdsensing emerges due to the dynamic nature of the network to opportunistically collect and transfer data in the presence a number of people in crowded area through their smart devices. Though research has been conducted in crowdsensing and crowdsourcing, still, designing efficient routing protocols, data aggregation approaches, and achieving security and privacy pose a great challenge in this area. General topics covered in this Special Issue include but are not limited to:

- Crowdsensing applications such as disaster recovery, smart city, smart grid;
- Placement of base station and transmitters;
- Data forwarding approaches, routing protocols;
- Models and analysis of crowdsensing networks;
- Localization approaches;
- Distributed data processing of crowdsensed data;
- Security and privacy mechanisms approaches in crowd sensing;
- Network management and optimization algorithms;
- Energy efficient protocols and approaches;
- Collaboration of IoT with Crowdsensing in data communication;
- Big data processing of crowdsensed data.

Guest Editor

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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