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Editorial

Smart Sensing and Mobile Computing

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Sensors and sensor-enabled mobile devices have been widely used for various applications to help human beings in various ways. With the prevalence of such devices, smart sensing and mobile computing (SSMC) enables gathering information about people and their surroundings and sharing that information for making decisions. Hence, SSMC is an important area in computing which will have applications in many areas including Internet of Things. Rapid growth in the deployment of SSMC brings promising opportunities and challenges. Considering SSMC towards future computing, we have collected papers which cover the topical areas of new activities in smart sensing and mobile computing technologies and published these in this special issue.

This special issue contains 12 research articles on smart sensing and mobile computing. The research topics include Phantom data usage detection, abnormal event detection for multimedia sensor networks, indoor device-free passive localization, scalable and energy-efficient processing of continuous range queries for location-based services, accurate indoor trajectory identification, event tracking using wireless sensor networks, RSSI fingerprint based localization, biometric recognition using mobile phone camera, multifrequency phase difference of arrival range measurement, mobile crowd-sensing, simultaneous pose and correspondence estimation, and device-free mobile target tracking.

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