

Special Issue

Data Privacy and Cybersecurity in Mobile Crowdsensing

Message from the Guest Editors

As a novel data sensing paradigm that integrates mobile sensing and crowdsourcing, mobile crowdsensing (MCS) has attracted extensive attention from both academia and industry. Centered on users with various kinds of sensors, MCS can leverage human–sensor cooperation and human–human cooperation to solve many challenging problems. Despite its numerous merits, MCS comes with its own set of challenges, especially in terms of security and privacy protection. Malicious behaviors such as entity impersonation, unauthorized access, and cross-network attacks could be fatal to MCS. Constrained by the limited computation and communication overhead of mobile devices, conventional cryptographic-primitives-based approaches cannot be directly exploited. In addition, in MCS, the users or devices are moving all the time, making communication and cross-domain access difficult. The objective of this Special Issue is to explore recent advances that address fundamental and practical challenges related to security and privacy in MCS. High-quality original research and review articles in this area are expected.

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2024)



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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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