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Activity Detection and Novel Sensing Technologies

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Message from the Guest Editor

Dear Colleagues,

In recent years, various novel sensing technologies have increasingly emerged. Depending on the type, a sensor may capture different types of signals, such as light, sound, temperature, acceleration, and magnetic field, which reflect the status of the environments. By analyzing various information from different sensors, it is possible to continuously track and monitor the object's activities in large, complex areas, such as buildings, airports, highways, rail networks, and so on. Using these sensing technologies, the precision and accuracy of the activity detection will be greatly improved. The special issue is intended for collecting the newest original high-quality research results in all aspects regarding novel sensing technologies for activity detection, including protocols, architectures, systems, platforms, algorithms, modeling and simulation as well.

Prof. Dr. Li Zhuo

Guest Editor



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