Sensors for Occupancy and Indoor Positioning Services

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

COVID-19 is driving demand for new services based on indoor positioning technologies related to location capacity counting and proximity reporting. This kind of data can be analyzed over time for better decision-making and management regarding a facility. People may collaborate by using a particular app on their smartphone or by carrying a custom device, but research must also deal with the issue that people may not collaborate in downloading an app on their smartphones or in using wearables. These challenging services will be useful and much needed by private sites such as industrial facilities and offices as well as public sites such as universities, hospitals, malls, airports or railway stations. Some solutions are based on the smartphone, using Bluetooth Low Energy or Wi-Fi combined with IMU sensors, or based on custom devices such as a bracelet or a wristband using Ultra-Wideband (UWB) or Bluetooth Low Energy. In addition, IoT solutions could potentially allow the deployment of these services.

For detailed information, please visit here.

Prof. Dr. Alejandro Santos Martínez Sala
Guest Editor

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Special Issue

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Message from the Editor-in-Chief

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