



Self-Powered Sensors and Micro-Systems

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Message from the Guest Editors

Dear Colleagues,

Sensor networks are essential for the development of the Internet of things and smart city. General sensors, especially mobile sensors, must be driven by a power unit. Considering the high mobility, wide distribution, and wireless operation of the sensors, their sustainable operation remains a critical challenge owing to the limited lifetime energy storage units. The concept of self-powered sensors and micro-systems signifies the harvesting of ambient energy for continuously driving a sensor without the use of an external power source, which aims to ensure the sensors can continuously work for a long duration without maintenance. Therefore, self-powered sensors and micro-systems are the inevitable trends for the future development of sensing technology. Accordingly, this Special Issue seeks to showcase research papers and review articles that focus on novel developments including, but not limited to, energy harvesting technology, active sensing technology, and battery technology to promote self-powered sensors and micro-systems in current applications.

We look forward to receiving your submissions!

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Guest Editors





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Message from the Editor-in-Chief

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