

Special Issue

Piezoelectric Energy Harvesting: Materials, Devices and Application

Message from the Guest Editors

Over the last decade, PEH technology has been studied extensively and has been extended to various application fields: Self-powered power sources for consumer electronics, implantable bio-sensors, structural health monitoring systems, security systems and underwater sensors. In such systems, the interface circuits were shown to be crucial elements in the energy conversion chain. This raised interest in the development of novel techniques and dedicated circuits to extract, more efficiently, the energy converted by piezoelectric transducers. Specific energy saving strategies and power management approaches were also developed to adequately store harvested energy and to deliver it in an appropriate form and amount to the application.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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