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Flexible and Stretchable Piezoelectric Devices for Mechanical Sensing and Energy Harvesting

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Message from the Guest Editors

Dear Colleagues,

Recent developments in the field of flexible and stretchable technologies have accelerated the feasibility of practical uses in various real-life applications, such as smart mobile devices, healthcare sensors, and the Internet of Things (IoT). In particular, self-powered electronic systems based on piezoelectric devices, in formats that are thin, flexible, and even stretchable, have drawn much attention because they could provide permanent, long-lasting, remote use of widespread devices.

Piezoelectric energy harvesting devices that convert the electricity from mechanical energy resources have been considered as a promising candidate for power sources of flexible and stretchable electronic devices without environmental restraints. Mechanical sensors based on piezoelectric materials enable self-powered sensors without additional energy sources. [...]

For further information, please visit http://www.mdpi.com/journal/sensors/special_issues/flexible_stretchable_piezoelectric_devices.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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