Special Issue

Triboelectric Energy Harvesters

Message from the Guest Editors

Triboelectric nanogenerators (TENGs) are the foremost contenders for enabling self-powered applications, utilising contact electrification and Maxwell's displacement current law as the basis for energy harvesting. We are currently witnessing varied and exciting research approaches for developing still higher power density and efficient TENGs. Applications range from environmental to point-of-care health diagnostics and body-worn energy harvesters, and encompass self-powered structural sensors to stand-alone devices for monitoring key parameters. Thin, flexible TENGs have been realized using paper and other low-cost commodity polymer materials to further expand the applications of these devices. In this Special Issue of *Micromachines*, we invite authors to submit original communications, articles, and review papers which cover the breadth of research, development, and applications of TENGs.

Guest Editors

Dr. Navneet Soin

School of Engineering, Ulster University, Belfast BT37 0QB, Northern Ireland, UK

Dr. Suzanne Smith

Department of Electrical, Electronic & Computer Engineering, University of Pretoria, Pretoria 0002, South Africa

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Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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Editor-in-Chief

Prof. Dr. Ai-Qun Liu
Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

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