



## Piezoelectric Nanogenerators

Guest Editor:

**Dr. Md. Mehebus Alam**

Laboratory of Organic  
Electronics, Department of  
Science and Technology,  
Linköping University, SE-60174  
Norrköping, Sweden

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### Message from the Guest Editor

Dear Colleagues,

The next big thing that going to happened in the world is the Internet of Things (IoT), and sensors are going to be the backbone of it. Therefore, powering sensors using conventional batteries has become a challenge, as the number of sensors is going to be huge. Piezoelectric nanogenerators offer us the opportunity to make sensors self-powered, such that they can run by themselves by harvesting energy from their surrounding vibrations. Wearable piezoelectric nanogenerators can harvest energy from human motions and also can detect physiological signals for health care monitoring applications. Piezoelectricity also opens up the potential for new cooling (piezoelectric fan) and sound generation (piezoelectric speaker) systems.

Dr. Md. Mehebus Alam

*Guest Editor*





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## Editor-in-Chief

### Prof. Dr. Ai-Qun Liu

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China  
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

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*Micromachines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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