

# Call for Papers

## Self-Powered Sensors and Wearable Electronic Systems

This special issue aims to: (1) provide a broad perspective on self-powered sensors and wearable electronic systems (2) significantly promote cross-disciplinary collaboration in this emerging research field; and (3) report the state-of-art development and recent findings on the technologies used in this area. Authors are invited to submit papers on the theoretical, technological and experimental aspects of self-powered sensors and wearable electronic systems. This special issue accepts both research articles and reviews in the following areas:

### Topics

- Self-Powered Sensors and Systems
- Stretchable/Shrinkable Sensors and Electronics
- Hybrid Systems-in-Foil
- Biomedical sensing devices
- Electronic textile/paper/skin
- Flexible/Printable Electronics in context with Circular Economy
- Organic/Inorganic/Hybrid Flexible Sensors and Electronics
- Printable batteries, energy harvesters
- Wearable sensors
- Sensors for health monitoring
- Printable displays, lighting sources
- Packaging
- Smart tags, RFID tags, etc.
- Modeling of printable sensors
- Manufacturing Techniques (including Printing)
- Emerging Materials for Flexible and Printable Systems
- 3D printing

### Important dates (tentative)

<b>October 2022</b>	Call for Papers (to appear in IEEE Journal on Flexible Electronics)
<b>July 2023:</b>	Deadline for Paper Submission
<b>September 2023:</b>	Completion of First Review
<b>November 2023:</b>	Completion of Final Review
<b>December 2023:</b>	Publication

### Guest Editors

**Dr. Oliver Ozioko**  
Department of Electrical and Electronic Engineering,  
University of Derby, England.  
[o.ozioko@derby.ac.uk](mailto:o.ozioko@derby.ac.uk)

**Dr. Woo Soo Kim**  
School of Mechatronic  
Systems Engineering, Simon  
Fraser University. Institute  
[woosook@sfu.ca](mailto:woosook@sfu.ca)

**Dr. Joseph Andrews**  
Mechanical Engineering/  
Electrical and Computer  
Engineering, University of  
Wisconsin-Madison.  
[joseph.andrews@wisc.edu](mailto:joseph.andrews@wisc.edu)

**Dr. Anindya Nag**  
Technische Universität  
Dresden  
Dresden 01062, Germany  
[anindya.nag@tu-dresden.de](mailto:anindya.nag@tu-dresden.de)

### Submission and Peer Review of Papers

All papers shall undergo the standard IEEE J-FLEX peer-review process. Manuscripts must be submitted online, via the *IEEE Manuscript Central*<sup>TM</sup>, see <https://mc.manuscriptcentral.com/jflex>. When submitting, please indicate in the “Manuscript Type” roll down menu, and also by e-mail to John Wright, [john.wright@ieee.org](mailto:john.wright@ieee.org), that the paper is intended for the “**Self-Powered Sensors and Wearable Electronic Systems**” Special Issue. Authors are particularly encouraged to **suggest names of potential reviewers** for their manuscripts in the space provided for these recommendations in *Manuscript Central*. For manuscript preparation and submission, please follow the guidelines in the *Information for Authors* at the IEEE J-FLEX web page, <https://ieee-jflex.org/guidelines-for-authors/>.