



### Special Session on:

## Sustainable Development through Microelectronics: Opportunities and Innovations

The International Conference on IoT, Electronics and Mechatronics (IEMTRONICS 2026, <https://iemtronics.org/>) is pleased to announce a special session titled **“Sustainable Development through Microelectronics: Opportunities and Innovations.”** This session will be held as part of the upcoming conference at Imperial College London, UK, from 16<sup>th</sup> – 18<sup>th</sup> April 2026. It offers an excellent platform for graduate students, researchers, scholars, supervisors, industry professionals, and experts from diverse fields to present their work and participate in meaningful discussions on innovative microelectronics applications that support and advance the Sustainable Development Goals.

### Special Session Theme:

We welcome original research papers, case studies, innovative practices, and work-in-progress contributions that advance knowledge and understanding within the scope of Electronics Ecosystem Sustainability. Submissions may address empirical, conceptual, or practical aspects and may draw on diverse perspectives, disciplines, and methodological approaches. Topics of interest include, but are not limited to:

- Semiconductor and Photonics,
- Electronics devices,
- Nanomaterials, Nano science & Quantum Technology
- Microelectronics, Nanotechnology
- e-waste, Bio-degradable in electronics
- System on Chip (SoC) Design
- Integrated circuits & power
- Biomedical devices & Imaging
- Energy Harvesting
- VLSI/ULSI.

### Submission Guidelines:

- Prospective authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to this special issue.

- Submission should be via online platform of EDAS. Should an unexpected web access problem be encountered, please contact the Conference Chair by email (malay.ganguly@iem.edu.in).
- It is required that the manuscript follows the conference template Submissions must include title, abstract, keywords, author and affiliation with an email address. The paper should not contain page numbers or any special headers or footers.
- IEMTRONICS conducts a plagiarism check on all submitted papers. Plagiarism and self-plagiarism apply to all works.
- Each manuscript should include the complete paper text, all illustrations, and references.
- All papers must be in PDF format only, with savable text and for Regular Paper limit is minimum 8 pages.
- For LaTeX template, please refer <https://www.overleaf.com/latex/templates/springer-lecture-notes-in-computer-science/kzwwpvhwnvfj#.WtR5Hy5ua71>
- For WORD template, please refer <https://iemtronics.org/wp-content/uploads/2025/02/IEMTRONICS-2025-paper-format.docx>
- **Note:** As per recommendations from the editorial board of Springer Nature, short papers (within 4-6 pages) will not be accepted for IEMTRONICS 2025.

### Evaluation, Review, and Selection Criteria:

Proposals will be evaluated based on the following criteria:

- All regular papers go through a blind peer-review process.
- Submitted manuscripts are carefully reviewed by several reviewers and rated considering Relevance, Originality, Technical Quality, Significance, and Presentation.
- Based on the corresponding score/comments given by reviewers, program and track chairs will decide if a paper can be accepted or not.
- The proceedings of IEMTRONICS 2026 will be published in two volumes in the book series "Lecture Notes in Electrical Engineering" (<https://www.springer.com/series/7818>) (Scopus Indexed). For more information about formatting, publications, and timeline, please contact to the Conference organizers.

### Important Dates:

- Technical Papers Submission Closed: January 10, 2026
- Acceptance Notification: January 30, 2026
- Camera-Ready Submission: March 20, 2026

### Additional Information:

- Accepted papers will be presented during the special session at the conference.
- Presenters will be allocated a specific time slot for their paper presentations.

### Contact Information:

For inquiries or assistance regarding the submission process or the special session, please get in touch with the special session chairs at:

- Dr. Viranjay M. Srivastava, Associate Professor, Birmingham City University, Birmingham, United Kingdom: [viranjay@ieee.org](mailto:viranjay@ieee.org)
- Dr. Mario De Oliveira, Associate Professor, Birmingham City University, Birmingham, United Kingdom: [mario.deoliveira@bcu.ac.uk](mailto:mario.deoliveira@bcu.ac.uk)