



## Special Session on:

## Use of Microelectronics in IoT and AI Ecosystem Sustainability

IEEE International Conference on Omni-Layer Intelligent Systems (COINS-2024) is excited to announce a special session on the *Use of Microelectronics in IoT and AI ecosystem Sustainability* as part of our upcoming conference, scheduled to take place at King's College, London, 29-31 July 2024. This special session offers a unique opportunity for graduate students, researchers, scholars, supervisors, experts from diverse fields, and industrialists to present their work and engage in discussions focused on Microelectronics applications in IoT and AI ecosystem sustainability.

### Special Session Theme:

We welcome original research papers, case studies, innovative practices, and work in progress that contribute to advancing knowledge and understanding within the scope of IoT and AI Ecosystem Sustainability. Submissions may explore empirical, conceptual, or practical aspects, including various perspectives, disciplines, and methodological approaches toward IoT and AI Ecosystem Sustainability. The topics of interest include but are not limited to:

- Semiconductor,
- Electronics devices,
- Microelectronics
- Nanotechnology
- Nanomaterials
- e-waste
- Bio-degradable in electronics
- VLSI/ULSI.

### Submission Guidelines:

- Authors are invited to submit their original manuscripts written in English via the online submission platform of EasyChair. Should an unexpected web access problem be encountered, please contact the Conference Chair by email ([farshad.firouzi@duke.edu](mailto:farshad.firouzi@duke.edu)).

- Each manuscript should include the complete paper text, all illustrations, and references. The manuscript should conform to the IEEE format. Authors are recommended to format their papers based on one of these templates: Suggested IEEE Proceedings Paper Template.
- All papers must be in PDF format only, with savable text.
- Each paper must be at most six pages (including the abstract, figures, tables, and references), double-columned, 10pt font.
- Accepted papers are allowed six pages in the conference proceedings free of charge. Each additional page beyond six pages is subject to the page charge of 150.00 EUR per page up to the eight-page limit.
- Your submission must not include information that serves to identify the authors of the manuscript, such as name(s) or affiliation(s) of the author(s), anywhere in the manuscript, abstract, or in the embedded PDF data. References and bibliographic citations to the author(s) own published works or affiliations should be made in the third person.

### 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 as a full regular paper (with 20+5 minutes of oral presentation) or as a short paper (with 13+2 minutes of oral presentation).
- Contribution to advancing knowledge within the field.
- Potential impact and implications for theory, practice, or policy.

### Important Dates:

Submission Deadline: 01 May 2024 (AoE)

Decision Notification: 01 June 2024

Camera-ready Paper Due: 20 June 2024

Make your submission to track 'Special Session on Use of Microelectronics in IoT and AI Ecosystem Sustainability' on EasyChair <https://easychair.org/conferences/?conf=ieeecoins2024>

### 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 organizers at:

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