



IEEE ENERGY CONVERSION CONGRESS & EXPO PHOENIX, ARIZONA, USA ☀️ OCT. 20-24

SUBMISSION DEADLINE

June 7, 2024

Call for Papers Late Breaking Research Publications



Potential topic areas include but are not limited to:

Components & Converters

- ▶ Wide bandgap devices and their emerging applications in power electronics
- ▶ Artificial intelligence (AI) aided converter control and design
- ▶ Thermal management and advanced cooling technologies
- ▶ Reliability, diagnostics and prognostics of components and modular systems
- ▶ Electric machine design and motor drives
- ▶ Advanced technologies for power electronics such as materials, 3-D printing, magnets, magnetic devices, capacitors, switching devices EMI/EMC, etc.

Power Electronics Intensive Energy Conversion Systems

- ▶ Renewable energy systems, energy storage systems, and their integration into modern electric grids
- ▶ AC, DC, and hybrid micro-grids and nano-grids
- ▶ Power electronic based grid infrastructures: technologies, trend, and grid integration
- ▶ Resiliency enhancement and active stabilization of power electronics based power systems
- ▶ Transportation electrification, including electric vehicles, aircraft, ships, drones, etc.
- ▶ Cybersecurity in power electronic inverters and inverter dominated energy systems

☀️ SUBMISSION GUIDELINES

Authors are requested to strictly follow the specific camera-ready, two-page paper template. References are excluded from the two-page limit. The review decision would be either to accept or reject the manuscript. No revisions or modifications allowed post-submission.

☀️ IMPORTANT DETAILS

The accepted papers will be featured as a poster presentation and made available in the conference proceedings on IEEE Xplore. All proposals should be submitted via the ECEE 2024 website under "Call for Late Breaking Research Publications."



INQUIRIES? Contact: ecce2024tpc@gmail.com