



WiPDA 2023



The 10th IEEE Workshop on Wide Bandgap Power Devices and Applications
Dec. 4-6, 2023, Charlotte, North Carolina

Call for Papers and Tutorials

The Tenth Annual IEEE Workshop on Wide Bandgap Power Devices and Applications (WiPDA 2023) will be held in Charlotte, North Carolina, USA, from December 4 to December 6, 2023. WiPDA provides a forum for device scientists, circuit designers, and application engineers to share technology updates, research findings, experience, and potential applications. WiPDA 2023 will feature technical sessions, tutorials, keynotes from industry and research leaders, as well as an exposition.

Key Dates

Papers:

June 16th, 2023: One-page abstract submission deadline

July 24th, 2023: Author Notification

October 2nd, 2023: Final paper submission deadline with IEEE copyright forms

Tutorials:

June 16th, 2023: One-page abstract submission deadline (Half-page tutorial description and one paragraph bio)

July 24th, 2023: Notification of the acceptance

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Topics of Interest

Technical papers are solicited on any subject relevant to the scope of the conference including, but not limited to, the following major topics:

- Heteroepitaxial & Bulk Materials Growth
- Gate Dielectrics & Surface Passivation
- Device Structures & Fabrication Techniques
- Device Characterization & Modeling
- Very-High Efficiency and Compact Converters
- Packaging Power Modules & ICs
- Gate Drive & Other Auxiliary Circuits
- High-Performance Passive Components
- Hard-Switched & Soft-Switched Application Analysis
- Applications in Renewable Energy & Energy Storage, Transportation, Industrial Drives, Grid Power Systems, Space and Aerospace
- Wide Bandgap System Design Philosophies & Strategies
- **Special Track: Application (Switching) Reliability**
- **Special Track: ITRW: Technology Roadmap of Wide Bandgap Including Devices, Applications and Packaging**

WiPDA 2023 Technical Program Chairs

Zhikai Tang
Texas Instruments

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For more information visit wipda.org

