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The 12th IEEE Workshop on Wide Bandgap Power Devices and Applications

Nov. 10 - 12, 2025, Fayetteville, AR

Call for Papers and Tutorials

The Twelfth Annual IEEE Workshop on Wide Bandgap Power Devices and Applications (WiPDA 2025) will be held in Fayetteville, Arkansas, USA, from Nov. 10 - 12, 2025. WiPDA provides a forum for device scientists, circuit designers, and application engineers to share technology updates, research findings, experience, and potential applications. WiPDA 2025 will feature technical sessions, tutorials, keynotes from industry and research leaders, as well as an exposition.

Topics of interest

- 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
- Ultra-Wide Bandgap Devices and Applications



All presented papers will be published in IEEE Xplore Digital Library

Key Dates

Papers:

June 13th, 2025: Two-page abstract submission deadline

July 18th, 2025: Author notification

August 22nd, 2025: Final paper submission deadline with IEEE copyright forms

Tutorials:

June 13th, 2025: One-page abstract submission deadline (a half-page tutorial description and one-paragraph bio)

July 7th, 2025: Notification of acceptance

August 9th, 2025: Tutorial presentation slides due

For Questions, Please Contact Dr. Zhong Chen at chenz@uark.edu



Tours of our new National Multi-User Silicon Carbide Research and Fabrication Laboratory (MUSIC) will be offered during WiPDA for pre-registered and approved attendees.

