



The 8th IEEE Workshop on Wide Bandgap Power Devices & Applications
Nov 7-9, 2021 | Sonesta Redondo Beach and Marina, California

Call for Abstracts

New abstract submission
deadline is June 1, 2021



Topics of Interest

- > Heteroepitaxial & Bulk Materials Growth
- > Gate Dielectrics & Surface Passivation
- > Device Structures & Fabrication Techniques
- > Device Characterization & Modeling
- > Very-High Efficiency Or Compact Converters
- > Safe Operating Areas Of Wide Bandgap Devices, including Short Circuit, Spike, & Transient Tolerance
- > Harsh Environment (High Temperature) Operation & Reliability
- > Packaging Power Modules & ICs
- > Hard-Switched & Soft-Switched Application Analysis
- > Gate Drive & Other Auxiliary Circuits
- > High-Performance Passive Components
- > Applications in Renewable Energy & Energy Storage, Transportation, Industrial Drives, & Grid Power Systems
- > Wide Bandgap System Design Philosophies & Strategies
- > Radio Frequency (RF) GaN (NEW)
- > Technology Roadmap of Wide Bandgap Including Devices, Applications and Packaging (NEW)

Key Dates

- > June 1, 2021: Abstract submission deadline
- > July 15, 2021: Notification of acceptance
- > August 25, 2021: Submission to mentor
- > September 7, 2021: Final paper submission deadline for workshop proceedings

Participation Opportunities

- > **Tutorials:** Will be offered on November 7 by experts in the field of WBG device, applications and systems
- > **Keynote Sessions:** Held on November 8-9, the sessions bring together leading experts and executives to provide their visions of WBG opportunities
- > **Panel Discussions:** Leading experts on GaN and SiC will examine key technology and market topics during the panel discussions
- > **Exhibitions and Sponsors:** Exhibitor and corporate sponsorship opportunities are available

All presented papers will be included in the conference proceedings and submitted to the database of IEEEExplore.

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