

# Call For Papers

## The 5<sup>th</sup> Workshop on Wide Bandgap Power Devices and Applications

**Monday October 30 – Wednesday November 1, 2017**

**Hyatt Regency Tamaya Resort, Albuquerque, NM USA**

*The Workshop on Wide Bandgap Power Devices and Applications (WiPDA), sponsored by IEEE and PSMA, provides a forum for device scientists, circuit designers, and application engineers to share technology updates, research findings, development experience, and application knowledge.*

**Technical Papers:** Technical papers addressing all aspects of wide-bandgap power electronics are welcome. Technical oral sessions will be held Tuesday and Wednesday, and a poster session will be held as well.

**Tutorials:** Tutorials covering both device and application topics will be offered Monday afternoon.

**Keynote Sessions:** Keynote sessions will be held Tuesday and Wednesday, in which leading experts from academia, industry, and research institutes will share their insights on technology developments and future trends.

**Panel Session:** As in past years, a panel session with leading experts from US federal agencies, industry, and academia will be part of the meeting.

**Call for Exhibitions:** A number of booths will be available for exhibition.

*All presented papers will be included in the conference proceedings and submitted to the databases of IEEExplore. The organizing committee anticipates being able to fund 16 student travel grants at \$625 each supported equally by PELS and PSMA.*

### Topics of interest include, but are not limited to:

- Heteroepitaxial and bulk materials growth
- Gate dielectrics and surface passivation
- Device structures and fabrication techniques
- Device characterization and modeling
- Very high efficiency and compact converters
- SOAs including short-circuit, spike, and transient tolerance
- Harsh environment (e.g. high temperature) operation and reliability
- Packaging, power modules, and ICs
- Hard-switched and soft-switched applications
- Common-mode and EMI management
- Gate drive and other auxiliary circuits
- High-performance passive components
- Applications in renewable energy and storage, transportation, industrial drives, and grid power systems

### Key Dates:

Two-page abstract deadline: June 16, 2017

Notification of acceptance: July 21, 2017

Final paper submission: August 25, 2017

### Contacts:

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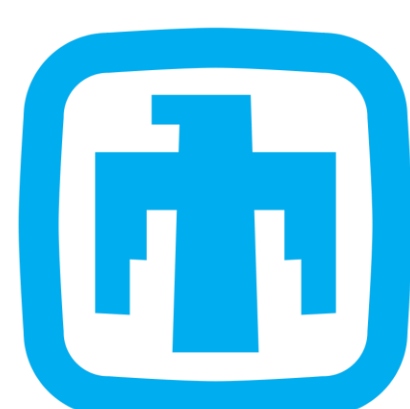
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