



IEEE Workshop on Wide Bandgap Power Devices and Applications in Asia (WiPDA-Asia 2020)

WiPDA-Asia
2020 Japan

Kyoto university of Advance science

Sep 23-25, 2020 | Osaka, Japan

<http://www.wipda-asia2020.org/>

The Workshop on Wide Bandgap Power Devices and Applications in Asia (WiPDA-Asia) is sponsored by the IEEE Power Electronics Society, providing a forum for device scientists, circuit designers, and application engineers to share technology updates, research findings, development experience, and application knowledge.

TOPICS OF INTEREST:

- 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.

PARTICIPATION OPPORTUNITIES:

- ◆ **Tutorials:** Tutorials covering both device and application topics will be offered on September 23rd, 2020.
- ◆ **Keynote Sessions:** Keynote sessions will be held on September 24-25, 2020, in which leading experts from academia, industry, and research institutes will share their insights on technology developments and future trends.
- ◆ **Technical Paper Session:** Both oral and poster technical papers will be presented to share the updated research results during September 24-25, 2020.
- ◆ **Call for Exhibitions:** A number of booths will be available for exhibition.

IMPORTANT DATES:

Two Page Abstract: Jun. 15, 2020

Notification of Acceptance: Jun. 30, 2020

Tutorial Proposal: Jun. 15, 2020

Tutorial Notification: Jul. 15, 2020

Final Paper Submission: Jul. 31, 2020

All presented papers will be included in the databases of IEEE Xplore.

ORGANIZING COMMITTEE:

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