IEEE Workshop on Wide Bandgap Power Devices and Applications in Asia (WiPDA-Asia 2023)

Ambassador Hotel
August 27-29, 2023 │ Hsinchu, Taiwan
https://www.wipda-asia2023.org/

The Workshop on Wide Bandgap Power Devices and Applications in Asia (WiPDA-Asia 2023) is sponsored by IEEE Power Electronic 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
- Reliability
- Packaging, power modules, and ICs
- Hard-switched and soft-switched applications
- Gate drive and other auxiliary circuits
- Applications in renewable energy and storage, transportation, industrial drives, and grid power
- Other topics of interest

PARTICIPATION OPPORTUNITIES:

- ◆ **Tutorials:** Tutorials covering both device and application topics will be offered on August 27th, 2023.
- ◆ **Keynote Sessions:** Keynote sessions will be held on August 28th-29th, 2023, in which leading experts from academia, industry, and research institutes will share their insights on technology developments and future trends.
- ◆ **Technical Paper Sessions:** Both oral and poster technical papers will be presented to share the updated research results during August 28th-29th, 2023.
- ◆ **Call for Sponsors and Exhibitions:** A number of booths will be available for exhibition.

ORGANIZING COMMITTEE:

General Chair
Kung-Yen Lee, National Taiwan University
General Co-Chair
Le-Ren Chang-Chien, National Cheng Kung Universit
Technical Program Chair
Tzung-Lin Lee, National Sun Yat-sen University
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Local Arrangement Chair
Yuan-Chih Chang, National Tsing Hua University

IMPORTANT DATES:

Two Page Abstract: **April 16, 2023**
Notification of Acceptance: **June 5, 2023**
Final Paper Submission: **July 5, 2023**

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

CONTACT:

WipdaAsia2023@gmail.com