



IEEE Workshop on Wide Bandgap Power Devices and Applications in Asia (WiPDA-Asia 2021)

WiPDA-Asia
2021 China

Hilton Wuhan Optics Valley
Aug 25-27, 2021 | Wuhan, China
<https://wipda-asia2021.aconf.org/>

The Workshop on Wide Bandgap Power Devices and Applications in Asia (WiPDA-Asia) 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 & 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
- Gate Drive & Other Auxiliary Circuits
- High-Performance Passive Components
- Applications in Renewable Energy & Energy Storage, Transportation, Industrial Drives, & Grid Power Systems

All presented papers could be included in the databases of IEEE Xplore. Selected papers will be recommended to be published in a IEEE JESTPE special issue on WBG devices through peer review process.

ORGANIZING COMMITTEE:

General Chair

Shijie Cheng, Huazhong Univ. of Science and Technology

General Co-Chair

Yong Kang, Huazhong Univ. of Science and Technology
Xiaoming Zha, Wuhan Univ.

Technical Program Chair

Zhiqiang (Jack) Wang, Huazhong Univ. of Science & Technology

Technical Program Co-Chair

Cai Chen, Huazhong Univ. of Science and Technology
Banyin Liu, Huazhong Univ. of Science and Technology

Local Arrangement Chair

Xudong Zou, Huazhong Univ. of Science and Technology

PARTICIPATION OPPORTUNITIES:

- ◆ **Tutorials:** Tutorials covering both device and application topics will be offered on August 25th, 2021.
- ◆ **Keynote Sessions:** Keynote sessions will be held on August 26th-27th, 2021, 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 August 26th-27th, 2021.
- ◆ **Call for Exhibitions:** A number of booths will be available for exhibition.

IMPORTANT DATES:

Two Page Abstract: March 1, 2021

Notification of Acceptance: May 1, 2021

Tutorial Proposal: March 15, 2021

Tutorial Notification: May 15, 2021

Final Paper Submission: June 25, 2021

Financial Chair

Chair: Hua Lin, Huazhong Univ. of Science & Technology

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Keynote Chair

Chair: Fang Luo, The State Univ. of New York at Stony Brook

Tutorial Chair

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