The 6th Annual IEEE Workshop on Wide Bandgap Power Devices & Applications
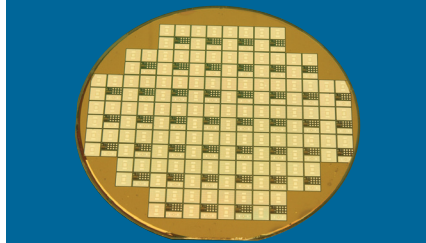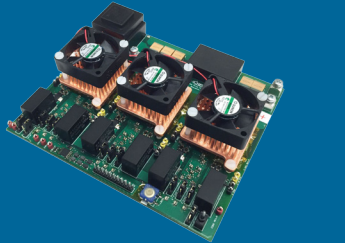
CALL FOR TUTORIAL PROPOSALS

Georgia Tech Hotel and Conference Center
October 31 – November 2, 2018
Atlanta, Georgia | www.wipda.org

The IEEE Workshop on Wide Bandgap Power Devices & Applications (WiPDA) provides a forum for device scientists, circuit designers, & application engineers from the Power Electronics & Electron Devices Societies to share technology updates, research findings, experience & potential applications.

Call for Tutorial Proposals

The 2018 Wide Bandgap Power Device and Applications (WiPDA) Organizing Committee is seeking one-hour tutorial proposals to be presented at the workshop on October 31, 2018. Proposals are being solicited from experts that can provide in-depth discussions of WBG power semiconductor materials, devices, and their applications in power electronics circuits and systems.

SPECIFIC TOPICS OF INTEREST INCLUDE:

> **Device Structures & Fabrication Techniques**

> **Device Characterization & Modeling**

> **Packaging Power Modules & ICs**

> **Safe Operating Area, Harsh Environment (High Temperature) Operation and Reliability Analysis**

> **Very-High Efficiency Operation & Compact Converter Design**

> **Hard-Switched & Soft-Switched Applications and Analysis**

> **Applications in Renewable Energy, Transportation, Industrial Drives, and Grid Power Systems**

> **Gate Drives, Protection Circuitry, and Other Auxiliary Circuits**

> **High-Performance Passive Components**

The tutorial proposal should include the following information:

> **Title of tutorial.**

> **Contact information for presenting speaker(s): name, affiliation, mailing address, telephone number, and email address.**

> **An abstract (no more than 200 words) describing what is to be presented, including whether the topic will be treated in-depth or as a survey, and the level of the intended audience (basic, intermediate, or advanced level).**

> **A short biography (no more than 200 words) of each speaker.**

Please submit your proposal by email to the Tutorial Co-Chairs:
Dr. Suman Debnath *debnaths@ornl.gov* **and**
Dr. Jiangchao Qin *jqin@asu.edu*.

The deadline for submission is June 29, 2018. Speakers will receive the committee's decision by July 27, 2018 with the final presentation slides due on August 31, 2018.

Tutorial speakers will receive an honorarium of USD $400. However, they are responsible for the expenses incurred preparing and presenting the tutorial, including all travel, lodging, conference registration, and meals.