

Important Dates

July 31, 2022

Tutorial proposal due

August 15, 2022

Notification of acceptance

November 15, 2022

Full tutorial material due



Call for Tutorials



The 7th IEEE Southern Power Electronics Conference (SPEC 2022), offers an ideal opportunity for researchers, engineers, academics, and students from all over the world to bring the latest technological advances and applications in power electronics to the Southern Hemisphere, as well as to network and promote the discipline.

Tutorial proposals are solicited and selected tutorials will be presented on Monday, December 5, 2022, either in morning or afternoon sessions. Each tutorial is 3 hours long. All tutorials are delivered through the venue so your presence in Fiji is required.

Potential topic areas include but are not limited to:

- ▶ Power electronic devices, and packaging
 - ▶ New developments (WBG and other technologies)
 - ▶ Device modelling and passive components
 - ▶ Device characterization, reliability, and protection
 - ▶ Power Converter design
 - ▶ Modular multilevel converters
 - ▶ Resonant and HF converters
 - ▶ WBG power electronics
 - ▶ EMI / EMC and HF phenomena
 - ▶ Batteries, supercapacitors, flywheel
 - ▶ Energy management systems
 - ▶ Second-life battery systems and applications
 - ▶ Grid forming inverters
 - ▶ Electric vehicles
 - ▶ Electric ships
 - ▶ More-electric aircrafts
 - ▶ Power electronics and control for drones
- ▶ Power and energy optimization
 - ▶ Renewable energy systems
 - ▶ Wireless power transfer
 - ▶ DC power supplies
 - ▶ Uninterrupted power supplies
 - ▶ Distributed power supplies
 - ▶ Motor drives and actuators
 - ▶ Modelling, control, and design of drives
 - ▶ Robotic applications
 - ▶ Industrial applications
 - ▶ Power electronics education
 - ▶ Hybrid teaching of power electronics
 - ▶ Protection and data analytics
 - ▶ Power electronics for medical applications
 - ▶ Cyber physical aspects for power electronics

Email your tutorial proposal to
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