

## **PSMA's Safety & Compliance Committee to Host APEC Industry Sessions**

*These two sessions will gather panel of industry experts to discuss isolation techniques and considerations of critical importance to power source designers*

MENDHAM, N.J.—February 7, 2018—The Power Sources Manufacturers Association (PSMA) Safety & Compliance Technical Committee is sponsoring two Industry Sessions as part of APEC 2018. The sessions are: “Comparisons and Trade-offs of Integrated Gate Driver Isolation Technologies” (IS04) and “Isolation Topics in Power Supply Applications” (IS09). Both sessions will take place in Room 4 of the Henry B. Gonzalez Convention Center, San Antonio, Texas, during the APEC conference. The sessions feature presentations by industry experts and are designed to include ample time for audience participation during the Q&A period following each talk.

Session IS04 on gate driver isolation techniques will be held on Tuesday, March 6, from 8:30 a.m. to 11:55 a.m. For this session, seven industry experts will provide the following presentations:

- “Turn-on Performance Comparison of Current-Source vs. Voltage-Source Gate Drivers”
- “Gate Drivers Market Evolution: Coreless Isolation and WBG Specific Solutions”
- “Unleashing SiC MOSFETs – Extracting the Best Performance”
- “Isolation Strategies for High Power”
- “Gate Driver Timing Specification Requirements for WBG Devices”
- “A Deep Dive of Isolated Gate Driver Robustness-dv/dt (CMTI) and di/dt”
- “Improvements of Partial Discharge Screening Results”

Session IS09, covering isolation in power supply applications, will take place on Wednesday, March 7, from 8:30 a.m. to 10:10 a.m. This session comprises the following presentations by four industry experts:

- “Isolation in Power Supply”
- “Powering Devices Across the Isolation Barrier”
- “Increased Power Density Through Capacitive Conversion”
- “Isolation Techniques Without an Isolator”

PSMA Safety & Compliance co-chairs, Kevin Parmenter of Excelsys (an AEI company) and Jim Spangler of Spangler Prototype, issued a joint statement: “Isolation techniques and strategies are of growing importance as designers contend with higher switching speeds. We look forward to two lively and informative sessions. We encourage attendees of APEC 2018 to attend these and other [PSMA-sponsored meetings](#) during the week.”

### **PSMA Safety & Compliance Committee Meeting Notice**

Interested individuals are also invited to participate in the PSMA Safety & Compliance Committee meeting on Wed. March 7, from 1:00 p.m. to 3:00 p.m. (Henry B. Gonzalez Convention Center, Room 008B).

### **About PSMA**

PSMA is a non-profit professional organization with the two-fold objective of enhancing the stature and reputation of its members and their products, and improving their technological power sources knowledge. Its aim is to educate the electronics industry, academia, government and industry communities as to the applications and importance of all types of power sources and conversion devices.

#### **Editorial Contact:**

Power Sources Manufacturers Association  
Joe Horzempa, Executive Director  
973.543.9660 • 973.543.6207 (FAX)  
[power@psma.com](mailto:power@psma.com)

#### **Media Contact:**

[WelComm, Inc.](#)  
Greg Evans, CEO  
858.279.2100 • 858.633.1911 (Direct)  
[greg@welcomm.com](mailto:greg@welcomm.com)