

## **Session Program**

**3-7 Jun 2018**



# **2018 IEEE International Power Modulator and High Voltage Conference**

## ***Oral 10 - Power Electronics***

Jackson Lake Lodge, Jackson Lake Lodge  
101 Jackson Lake Lodge Road, Jackson Lake Lodge, Moran, WY 83013 Phone: (307) 543-3100

## Wednesday 6 June

10:00

### Oral 10 - Power Electronics

**Session** | **Location:** Wrangler/Prospector/Homesteader

**10:15-10:30**   **Modeling Power Factor Correction Circuits with LT-Spice**

**Speaker**

Prof. Michael Giesselmann

**10:30-10:45**

**An Investigation into the Next Generation of High Density, Ultra High Voltage, Power Supplies**

**Speaker**

Mr Russell Frost

**10:45-11:00**

**Overview of the Lockheed Martin Compact Fusion Reactor (CFR) Pulsed Power Systems**

**Speaker**

Isaac Cohen

**11:00-11:15**

**The Benefits of Using Cascode GaN Power Devices in a DC-DC Bidirectional Buck-Boost Converter**

**Speaker**

Mr Salah S. Alharbi

**11:15-11:30**

**Modeling of Inverters for Fuel Cells for Grid-Tied and Islanding mode with smooth transitions**

**Speaker**

Michael Giesselmann

12:00