

## **Session Program**

**3-7 Jun 2018**



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

## ***Oral 11 - Partial Discharges & Plasmas***

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

## Wednesday 6 June

15:30

### Oral 11 - Partial Discharges & Plasmas

**Session** | **Location:** Explorers Room

15:30–15:45

#### **Study of Partial Discharge Behavior at Flight-Altitude Pressures under 60 Hz and Impulse Voltages for Samples Related to Aircraft Motors**

**Speaker**

Zhuo Wei

15:45–16:00

#### **Load Capacitance Effects on the Energy Mechanism and Severity of Series dc Arcs**

**Speaker**

Mr Eric Bauer

16:00–16:15

#### **Type of supply waveform, partial discharge behavior and life of rotating machine insulation systems**

**Speakers**

Prof. Gian Carlo Montanari, Dr Paolo Seri

16:15–16:30

#### **Plasma Surface Modification for High Voltage Insulation Improvement**

**Speaker**

Tao Shao

16:30–16:45

#### **The Spatial-temporal Evolution and Interaction of 3-D Multiple Pulsed Plasma Jets**

**Speaker**

Prof. Ruixue Wang

16:45–17:00

#### **INVESTIGATION ON INITIATION AND DEVELOPMENT OF VACUUM FLASHOVER ACROSS SOLID INSULATION**

**Speaker**

Prof. Guan-Jun Zhang

17:00–17:15

#### **Secondary electron emission yield from surface-architected materials**

**Speaker**

Yevgeny Raitses

17:30