

## Session Program

22-28 Jun 2019



## PPPS 2019

### ***8.5 Power Supplies and Modulators I***

DoubleTree at the Entrance to Universal Orlando  
5780 Major Blvd. Orlando, Florida, 32819, USA

## Monday 24 June

09:45

### 8.5 Power Supplies and Modulators I

**Session** | **Location:** Double Tree at the Entrance to Universal, Seminole D/E | **Convener:** David E. Anderson

09:45–10:15

#### **Pulsed Resonant Charging Power Supply for the Spallation Neutron Source Extraction Kicker PFN System**

**Speaker**

Mr Robert Saethre

10:15–10:30

#### **A COMPACT SOLID STATE TRIGGER GENERATOR UTILIZING A FERRITE LOADED AIR CORE TRANSFORMER\***

**Speaker**

Joshua Gilbrech

10:30–10:45

#### **Design of Solid-state Marx Modulator with Fast Rising Time and Short Pulse Width**

**Speaker**

Jung Soo Bae

10:45–11:00

#### **100KW PEAK RACKMOUNT MARX WITH DYNAMIC PULSE-TO-PULSE WAVEFORM CONTROL**

**Speaker**

Christopher Yeckel

11:00–11:15

#### **Re-orientation of BN nanosheet induced by pulsed electric field and its effect on thermal properties of epoxy resin-based nanocomposites**

**Speaker**

Ms Lulu Liu

11:45