

## **Session Program**

**5-9 Jul 2016**



# **2016 IEEE Power Modulator and High Voltage Conference**

## ***Oral 12***

<http://www.sfpalace.com/>Palace Hotel San Francisco  
2 New Montgomery St. San Francisco, CA 94105United States

## Friday 8 July

15:30

### Oral 12: Solid State Power Modulators, Components, and Systems

**Session** | **Location:** Palace Hotel San Francisco, Gold Ballroom

15:30–15:45

#### Tailoring High-Voltage, High-Current Thyristors for Very High Frequency Switching

**Speaker**

Howard Sanders

15:45–16:00

#### An All Solid-State Inductively-Driven Radiation-Resistant Modulator For Fast-Kicker Magnet Applications

**Speaker**

Dr Christopher Yeckel

16:00–16:15

#### The Design and Testing of an Inductive Voltage Adder for ALS-U Kicker Magnets

**Speaker**

William Waldron

16:15–16:45

#### SOLID-STATE MARX GENERATOR FOR CLIC BREAKDOWN STUDIES

**Speaker**

Prof. Luis Redondo

16:45–17:00

#### PERFORMANCE ANALYSIS OF AN ALL SOLID STATE LINEAR TRANSFORMER DRIVER (LTD)

**Speaker**

Landon Collier

17:00–17:15

#### Analysing a gate-boosting circuit for fast switching

**Speaker**

Martin Hochberg

17:30