

## **Session Program**

**18-22 Jun 2017**



### **2017 IEEE Pulsed Power Conference**

***Oral session 20 - High-Voltage Power Supplies  
Thermal and Power Conditioning - Session  
Chair : Christopher Yeckel***

Hilton Brighton Metropole Hotel  
Kings Road Brighton BN1 2FU United Kingdom

# Thursday 22 June

10:30

## Oral session 20 - High-Voltage Power Supplies Thermal and Power Conditioning - Session Chair : Christopher Yeckel

**Session** | **Location:** Hilton Brighton Metropole Hotel, Stanmer

10:30-11:00

### A compact 210-kV, 10-kJ/s capacitor charger for industrial applications

**Speaker**

Alexander Pokryvailo

11:00-11:15

### Design of a resonant DC-DC Converter for High Voltage Applications

**Speaker**

Claudio Motta

11:15-11:30

### Compact Power Supply with Integrated Energy Storage and Recovery Capabilities for Arbitrary Currents up to 2 kA

**Speaker**

Alessandro Lampasi

11:30-12:00

### A constant power capacitor charging structure for flicker mitigation in high power long pulse klystron modulators

**Speaker**

Max Collins

12:00-12:15

### Different Control Techniques for Active Power Filter for Harmonic Elimination & Power Quality Improvement

**Speaker**

Mr IRFAN ALI

12:15-12:30

### Incorporating Saturation in Permanent-Magnetic Synchronous Generator Modeling for All-Electric Ship Applications

**Speaker**

Prof. Francis Okou

12:30-12:45

### 400 kV, 400 mA Power Supply

**Speaker**

Michael Kempkes

13:00