

## **Session Program**

**18-22 Jun 2017**



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

***Oral session 7 - Power Conditioning , Linear Transformer Drivers (LTDs), Pulse Forming Lines and Transformers - Session Chair : Weihua Jiang***

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

## Tuesday 20 June

10:00

### Oral session 7 - Power Conditioning , Linear Transformer Drivers (LTDs), Pulse Forming Lines and Transformers - Session Chair : Weihua Jiang

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

10:00–10:30

#### Conceptual design of a 900-TW pulsed-power accelerator driven by impedance-matched Marx generators

**Speaker**

William Stygar

10:30–10:45

#### A Fast Rise Time Air Insulated Linear Transformer Driver for High Energy Density Physics

**Speaker**

Casey Rodgers

10:45–11:00

#### Pulse Width Lengthening Technique for Compact Pulsed Power Generator

**Speaker**

Dr Zicheng Zhang

11:00–11:15

#### Experiments on the Clam Shell Magnetically Insulated Transmission Line (CSMITL2) on Saturn

**Speaker**

Ben Ulmen

11:15–11:30

#### Square Pulse LTD Stage Based on Simplified Pulse Forming Network

**Speaker**

Mr Zhou Liangji

11:30–11:45

#### Status of Linear Transformer Driver Facilities for High Energy Density Physics Experiments at the University of Michigan

**Speaker**

R. D. McBride

11:45–12:00

#### A bipolar, high repetition rate nanosecond pulse generator based on Blumlein-line and TLT

**Speaker**

Mr changhao bian

12:00–12:15

#### Power Amplification with Static and Dynamic Load Current Multipliers

**Speaker**

A.S. Chuvatin

12:15-12:30

**Impedance matching of pulsed power accelerator for megajoule-class dynamic-material-physics experiments**

**Speaker**

Jiang Jihao

12:30