

## **Session Program**

**18-22 Jun 2017**



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

#### ***Oral session 4 - Fusion Research, Large High-Current and High-Energy Systems - Session Chair : Sergey Garanin***

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

# Monday 19 June

15:00

## Oral session 4 - Fusion Research, Large High-Current and High-Energy Systems - Session Chair : Sergey Garanin

**Session** | **Location:** Hilton Brighton Metropole Hotel, Oxford Hall

15:00-15:30

### Inertial confinement fusion and other applications enabled by high energy excimer laser technologies

**Speaker**

Tom Mehlhorn

15:30-15:45

### Pulsed power performance of the Z machine: ten years after the upgrade

**Speaker**

Mark Savage

15:45-16:00

### MagLIF performance on the Z-machine: simulations of present and future experiments

**Speaker**

Dr Stephen Slutz

16:00-16:15

### Pulsed Power Projects within the National Ignition Facility

**Speaker**

Mr Glen James

16:15-16:30

### First Measurements of Negative Particles Contributing to Current Loss in Z-Machine Post-Hole Convolute

**Speaker**

Derek Lamppa

16:30-16:45

### Fusion Ignition Driven by Pulse Power

**Speaker**

GE LI

16:45-17:00

### Design of a 5-MA 100-ns Z-pinch accelerator based on linear transformer driver

**Speaker**

Mr Lin Zhou

17:00-17:15

### Pulsed power developments at First light Fusion

**Speaker**

Paul Holligan

17:15-17:30

### Magnetic-Field Driver for Magnetized Plasma - Laser Experiments on the Z Beamlet Laser Facility

17:30

**Speaker**

Dr K. W. Struve