

## Session Program

18-22 Jun 2017



### 2017 IEEE Pulsed Power Conference

***Oral session 16 - Solid State Modulators and Pulsed Magnets for Accelerators, Electromagnetic Launchers - Session Chair : Michael John Barnes***

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

## Wednesday 21 June

15:00

### Oral session 16 - Solid State Modulators and Pulsed Magnets for Accelerators, Electromagnetic Launchers - Session Chair : Michael John Barnes

Session | Location: Hilton Brighton Metropole Hotel, Stanmer

#### 15:00-15:30 Power Supply Options for a Naval Railgun

**Speaker**

Dr Stephan Hundertmark

#### 15:30-15:45 Overview of Circuit Topologies for Inductive Pulsed Power Supplies

**Speaker**

Mr Xukun Liu

15:45-16:00

#### Armature Shape Optimization of an Electromagnetic Launcher Using Genetic Algorithm

**Speaker**

Mr Doga Ceylan

#### 16:00-16:15 Design strategies for a SiC Marx generator for a kicker magnet

**Speaker**

Prof. Luis Redondo

16:15-16:30

#### Prospects for an optical Re-Triggering System for the LHC Beam Dumping System at CERN

**Speaker**

Janusz Pawel Rodziewicz

16:30-16:45

#### Launch efficiency and muzzle velocity accuracy enhancement with a 24MJ DES railgun

**Speaker**

Dr Ling Dai

16:45-17:00

#### Study on the Isolation of Multiple STRETCH Meat Grinder Modules

**Speaker**

Hui Liu

17:00-17:15

#### Pulsed Power Considerations Relating to EM Space Launch

**Speaker**

Dr Ian McNab

17:15-17:30

#### ASELSAN EMFY-1 Electromagnetic Launcher: First Experiments

**Speaker**

Mr Mustafa Karagoz

17:30