

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

***Oral session 6 - Pulsed Power Diagnostics -
Session Chair : Laurent Pecastaing / Laurent
Véron***

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

Monday 19 June

15:00

Oral session 6 - Pulsed Power Diagnostics - Session Chair : Laurent Pecastaing / Laurent Véron

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

15:00-15:30

Development of a 0.6 MV ultra-compact magnetic core pulsed transformer for high power applications

Speaker

Laurent PECASTAING

15:30-15:45

Theoretical and Experimental Studies of Off-the-Shelf V-dot Sensors

Speaker

Peter Senior

15:45-16:15

PUSHING DIELECTRICS TO THE LIMIT - SELF-HEALING METALIZED FILM CAPACITORS FOR HIGH ENERGY DENSITY

Speaker

Joel Ennis

16:15-16:30

Evaluation of the Impact of Drive Impedance on the Performance of Spark Gap Switches

Speaker

Mr Joshua Leckbee

16:30-17:00

Characterization of Individual Pulsed Power Modules on the Saturn Accelerator

Speaker

Mr Nathan Joseph

17:00-17:15

Cygnus Precision Dosimetry - Calibration and Measurements

Speaker

Mr Eugene Ormond

17:15-17:30

First Test of an Aerogel Cherenkov Detector for Characterizing the Cygnus X-ray Source

Speaker

Mandie Gehring

17:30