

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

Oral session 15 - Prime Power and Power Systems - Session Chair : Brett Huhman

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

Wednesday 21 June

10:00

Oral session 15 - Prime Power and Power Systems - Session Chair : Brett Huhman

Session | Location: Hilton Brighton Metropole Hotel, Preston

10:00-10:15

Integrated Module Based on Reverseley Switched Dynistor (RSD) and Its Stress Analysis

Speaker

Lin Liang

10:15-10:30

Solid-State Pulsed Power System with GaAs-PCSS for Dielectric Wall Accelerator

Speaker

Yi Liu

10:30-10:45

Dielectric Breakdown of Vaporized Organic Carbonates

Speaker

Mr Charles Nybeck

10:45-11:00

A Modularized High Power Solid-State Switch for Pulsed Electric Fields (PEF) Applications

Speaker

Xiaotian Chen

11:00-11:15

A 100kV, IGBT switched, spark gap trigger generator

Speaker

Paul W. Smith

11:15-11:30

OPTICAL NONLINEAR ABSORPTION PROPERTIES OF 4H-SiC—EXPERIMENT AND MODEL

Speaker

Vincent Meyers

11:30-12:00

Current progress on a fast semiconductor-based Marx generator for a pulsed electron beam device

Speaker

Martin Hochberg

12:00-12:15

Toward the Development of an Efficient Bulk Semi-Insulating GaN Photoconductive Switch

Speaker

Vincent Meyers

12:15-12:30

Impulsive Dielectric Performance of HFO-gas Mixtures

12:30

Speaker
Igor Timoshkin