

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

Oral session 5 - Pulse Forming Networks and Alternate Technologies (part I) - Session Chair : John Mankowski

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

Monday 19 June

15:00

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

15:00-15:15

Modular, Highly Dynamic and Ultra-Low Ripple Arbitrary Current Source for Kicker Magnets and Plasma Research

Speaker

Georgios Tsolaridis

15:15-15:30

Compact energy storage with a high-power pulsed MHD generator

Speaker

Gennady Shvetsov

15:30-15:45

Multilevel Voltage Hysteresis Modulation and Control for High Voltage Modulators

Speaker

Dr Mikhail Slepchenkov

15:45-16:15

PARALLELED IDENTICAL MARX GENERATORS DRIVING A KLYSTRON THROUGH A PULSE TRANSFORMER IN A RADIATION ENVIRONMENT

Speaker

Dr Christopher Yeckel

16:15-16:30

A soft Switch circuit to improve the efficiency of a solid-state Marx generator

Speaker

Mr liqing tong

16:30-16:45

The changes of Inductors' inductances and resistances with frequency in Inductive Pulse Power Supply

Speaker

Mr Zhen Li

16:45-17:00

Status of a 140 kV Solid State Marx modulator

Speaker

Dr Bruno Cassany

17:00-17:15

A HYBRID BOUNCER SYSTEM FOR HIGHLY REPEATABLE AND PRECISE KLYSTRON MODULATORS

Speaker

Dr Xavier Bonnin

17:30