

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

Oral session 21 - High Voltage Techniques - Session Chair : Adrian Cross

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

Thursday 22 June

10:30

Oral session 21 - High Voltage Techniques - Session Chair : Adrian Cross

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

10:30-10:45

High voltage characteristics of novel 3-D printing techniques and materials

Speaker

Mr John Shannon

10:45-11:00

Failure Mechanism for Metallized Film Capacitors under Pulsed Current

Speaker

Liwei Li

11:00-11:15

Development of High Voltage IES Pulse Chargers Using SI-Thyristor and IGBT

Speaker

Takehiro Yamaguchi

11:15-11:30

Performance of a Low Impedance Nanosecond Pulse Generator

Speaker

Ryusei Shimotsu

11:30-11:45

Design and Improvement of a Pulse Shaping Inductor for a Pulsed Power Supply

Speaker

Anil Civil

11:45-12:00

Study on Nanosecond Pulse Discharge in Upstream and Downstream Flow

Speaker

Zhou Desheng

12:00-12:30

Electrical Breakdown Model and Partial Discharge in Ceramic Dielectrics

Speaker

Dr Susan Heidger

12:30-12:45

Kilo-Hertz alternating current pulsed discharge in insulated liquid

Speaker

Xiaoliang Tang

13:00