

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

***Oral session 17 - High Voltage Switching
technology - Session Chair : Richard Ness***

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

Wednesday 21 June

15:00

Oral session 17 - High Voltage Switching technology - Session Chair : Richard Ness

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

15:00–15:15

Hydrogen spark gap performance after long-term storage under various gases

Speaker

Paul White

15:15–15:30

Performance characteristics of spark gaps with hydrogen-nitrogen & hydrogen-argon gas mixtures

Speaker

Dr John Dolan

15:30–15:45

Characterisation of a triggered mid-plane spark gap with UV illumination

Speaker

Paul White

15:45–16:15

Triggering of a High Pressure Air-filled High Voltage Spark Gap Switch Using Laser Induced Plasmas Resulting in Sub-nanosecond Jitter at Low Percentages of Self-Break*

Speaker

Sean Simpson

16:15–16:30

Comparative study of laser triggered pressurized spark gaps

Speaker

Mr Thomas Maysonnave

16:30–17:00

Pulsed Power Generators Based on Solid-State LTD Technology

Speaker

Dr Weihua Jiang

17:00–17:15

Development of trigger circuit applied in high temperature of triggered vacuum switch

Speaker

Mr Lingfeng Xiang

17:15–17:30

Effects of voltage rise rate on pulsed streamer discharge

Speaker

Ryo Fujita

17:30