

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

Oral session 19 - Numerical Modelling - Session Chair : Aled Jones

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

Thursday 22 June

10:30

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Session | **Location:** Hilton Brighton Metropole Hotel, Oxford Hall

10:30–11:00

Ion Cyclotron Resonance Heating Transmitter Opening Switch Upgrade

Speaker

Michael Kempkes

11:00–11:15

Circuit-PIC Coupled Model of 3D Simulation for Magnetically Insulated Transmission Line

Speaker

Wei Luo

11:15–11:30

Magnetic Field Diffusion in Medium-Walled Conductors Using Finite Element Method (FEM)

Speaker

Landon Collier

11:30–11:45

Simulation and experimental study on thermal effect of electromagnetic pulse forming

Speaker

Mr Yan Zhou

11:45–12:00

HV Pulse transformer generalized equivalent circuit identification based on detailed mechanical structure

Speaker

Mr Sylvain Candolfi

12:00–12:30

High Voltage Crowbar for Protection of Marx Trigger Generator (MTG) Systems on Z

Speaker

Dr William White

12:30–13:00

30-100kV PLASTIC CASE CAPACITORS FOR LTD'S, MARX GENERATORS, AND OTHER PULSE POWER APPLICATIONS

Speaker

Joel Ennis

13:00