

Session Program

3-7 Jun 2018



2018 IEEE International Power Modulator and High Voltage Conference

Oral 8 - HPM, Analytical & Simulations

Jackson Lake Lodge, Jackson Lake Lodge
101 Jackson Lake Lodge Road, Jackson Lake Lodge, Moran, WY 83013 Phone: (307) 543-3100

Tuesday 5 June

15:30

Oral 8 - HPM, Analytical & Simulations

Session | **Location:** Wrangler/Prospector/Homesteader

15:30–15:45

Full-Machine Circuit Model of the Saturn Accelerator

Speaker

Dr Kenneth Struve

15:45–16:00

Uncertainties in cylindrical anode current inferences on pulsed power drivers

Speaker

Andrew Porwitzky

16:00–16:30

Pulsed Power Facility Upgrades and Recent Experimental Research at the University of Michigan*

Speaker

Dr Nick Jordan

16:30–16:45

The Design of Magnetically Insulated Transmission Lines

Speaker

Dr Rick Spielman

16:45–17:00

CST PARTICLE-IN-CELL MODELING OF A TUNABLE REFLEX-TRIODE VIRCATOR

Speaker

David Barnett

17:00–17:15

SWaP ANALYSIS AND DESIGN OF A HIGH POWER HELICAL ANTENNA ARRAY WITH DISCRETE DIELECTRIC LOADING*

Speaker

Kevin O'Connor

17:30