

2017 IEEE Pulsed Power Conference

Wednesday, 21 June 2017

Oral session 18 - Intense Electron and Ion Beams, Plasma, Ion and Electron Sources - Session Chair : Jacob Zier - Dukes Suite (15:00 - 17:30)

time	[id] title	presenter
15:00	[374] PREDICTIVE MODELLING OF THE MERLIN SMP DIODE PERFORMANCE	Mr GOUDE, David
15:15	[101] Simulation and experimental characterization of a high power electron diode for linear induction accelerators	Mr J.M., Plewa
15:30	[93] Validation of gas-chemistry models for intense electron-beam induced gas breakdown*	Dr SWANEKAMP, Stephen
15:45	[238] Development of Uniform Electron-Beam Sources for Materials Study*	HINSHELWOOD, David
16:00	[224] Electrons Loss Characteristics Study on Bremsstrahlung Reflex Triode	HUANG, Zhongliang
16:15	[161] Characterisation of the plasma filled rod pinch diode operation	Mr MACDONALD, James
16:30	[143] Repetitively Pulsed Cold Cathode Research in the NRL Plasma Physics Division	Dr HEGELER, Frank
17:00	[197] Influence of Target Plasma on Electron Beam Focusing in LIA	Mr TRUNEV, Yuriy
17:15	[397] Effects of anode and cathode surface treatments on vacuum breakdown between metal electrodes with 50-ns high voltage pulses*	ALLEN, Raymond