



# 2017 IEEE Pulsed Power Conference

## Wednesday, 21 June 2017

**Poster session III - Pulsed Power Physics and Technology, Components and HV Insulation - Hall 4 / Cambridge (13:30 - 15:00)**

[id] title	presenter	board
[453] STUDY OF OUTPUT CHARACTERS OF PULSE TRANSFORMER WITH DIFFERENT CLOSED MAGNETIC CIRCUIT	CHATTERJEE, SAIBAL	69
[452] Design and simulation of magnetic switch and reset circuit for non-thermal water sterilize use	AMIRBANDE, Masoume	70
[448] Optimized Solid-State Bipolar Marx Modulador with Resonant type Droop Compensation	Dr CANACSINH, Hiren	71
[441] STUDY OF TRANSFORMER AND MOTOR WINDING UNDER PULSED POWER APPLICATION	BASURAY, ARIJIT	72
[440] Increasing the Voltage Droop Compensation Range in Generalized Bipolar Solid-State Marx Modulador	Dr CANACSINH, Hiren	73
[470] A Greater Than 6 MV Laser Triggered Gas Switch Used on Z	Mr WEMPLE, Nathan	74
[469] Study of electrical breakdown properties of liquid dielectrics for compact pulsed power applications	GAJULA, Veda Prakash	75
[468] The characteristics of the bus-bar of electromagnetic rail launcher	YING, Zhao	76
[467] Lifetime Prediction Testing of High Energy Density Metalized Film Capacitors	MILLER, Seth	77
[462] Transient Simulation of a High Voltage SiC Bipolar Power Device under High Action Operation	Dr HINOJOSA, Miguel	78
[358] Development of low-impedance, variable pulse-width, high repetition-rate, 400 kV modulator	Dr CHAPARRO, Jordan	79
[363] Exploring current loss mechanisms on the Z accelerator using PIC/DSMC methods	FIERRO, Andrew	80
[371] Development of a Multiple Megaampere, Pulsed Power Lab	Dr SCHREIBER, Adam	81
[405] Surface flashover behaviour of insulating materials under impulsive electric fields in environmentally friendly gases	Dr MERMIGKAS, Athanasios	82
[406] Magnetic Field Diffusion into Hollow Conductors with Walls on the Order of the Skin Depth	BUNTIN, Tyler	83
[413] Dynamics of Audio Square Wave Plasmas: Insights for Plasma Cleaning of Vacuum Diode Electrodes	TANG, Ricky	85
[414] Study on aerodynamic characteristics of electromagnetic rail launcher	Mr ZHAO, Weikang	86
[416] Secondary electron emission yield of Fluorinated Crosslinked Polystyrene	SONG, Bai-peng	87
[420] Study on Surface Flashover Properties of PTFE by Ion Implantation	ZHAO, Weikang	88
[427] Design and Calibration for High-Frequency Magnetic Probe	WU, Yuan Hui	89
[479] Predetermination Partial Discharge Features in cables using Various Electrode Gaps in Air under AC voltage	PEER MOHAMED, Faisal	90