

2016 IEEE Power Modulator and High Voltage Conference

Wednesday 6 July 2016

Poster 1-A - Twin Peaks (13:30 - 15:00)

[id] title	presenter	board
[139] HIGH-FIELD EXCITED FLASHOVER ACROSS SOLID DIELECTRICS IN VACUUM: MECHANISM AND SUPPRESSION	ZHANG, Guan-Jun	
[166] Investigation Dielectric Materials at Different Frequency Ranges	Dr ONAL, Emel	
[344] High Power Microwave Pulse Compressors With a Variable Geometry of Accumulative Resonant Cavity		
[189] Permittivity and Permeability in Double Positive Metamaterials Fabricated with Barium Titanate	NOEL, Kelli	
[290] Towards sub-ppm Shot-to-shot Amplitude Stability of SwissFEL Resonant Kicker	PARALIEV, Martin	
[57] Thyatron Stability Improvements of SNS Extraction Kicker System		
[328] A 400A programmable linear current pulse generator	FOWLER, Tony	
[314] GYROMAGNETIC NONLINEAR TRANSMISSION LINE WITH SEALED SPARK GAP	RYAN, Robert	
[169] Chopper-Marx Circuit for Application to ILC: 2. Charging and System Control	Mr HAYASHI, Takumi	
[173] A 100kV Nanosecond Pulse Generator Based on Magnetic Pulse Compressor	ZHANG, dong	
[145] sub-microsecond Pulse Generators Based on Magnetic Pulse Compression System	Mr ZHANG, Dongdong	
[22] Electro-Convection in Liquids in Absence of Ionization	POKRYVAILO, Alexander	
[303] Insulation deterioration of twisted pairs due to high frequency switching of power Electronic Converters (PECs)		
[63] MULTICHANNEL SIGNAL SYNTHESIS IN FREE SPACE	SHAW, Zachary	
[221] Stability of thyatron switching in LCLS linac modulators	Dr BENWELL, Andrew	
[276] A High Repetition-rate Bipolar Nanosecond Pulse Generator Based on Magnetic Pulse Compression System	Mr MI, Yan	
[249] Numerical analysis on the output characteristics of a linear switch array pulse modulator	Mr WANG, Tonglei	
[307] Construction and commissioning Xbox3: a very high capacity X-band test stand	MCMONAGLE, Gerard	
[296] Effects of Thyatron Aging on Klystron RF Pulse Stability	DELGIUSTO, Paolo	
[247] High Power Microwave Production with a Nanosecond Pulser and Nonlinear Transmission Line	PRAGER, James	
[69] A two dimensional circuit model of induction cavity	Mr FAN, Guo	
[322] SURFACE FLASHOVER CHARACTERISTICS OF GROOVED NANODIELECTRICS UNDER PULSED VOLTAGE IN PARTIAL VACUUM	Mr CHEN, Yuxuan	
[339] Dielectric Strength Testing of 3D Printed Polymeric Materials	Dr HOFF, Brad	

[265] Dielectric properties and surface flashover characteristics of Al₂O₃-filled epoxy resin in subatmospheric pressure under 20-200 kHz applied pulsed fields	KIRKICI, Hulya	
[308] DESIGN AND PERFORMANCE OF AN 8 LINE GYROMAGNETIC NONLINEAR TRANSMISSION ARRAY	Mr CRAVEY, Hunter	
[31] GW-class relativistic backward-wave oscillator with pulse duration above 200 ns	Dr GE, Xingjun	
[266] Analysis of Peak Output Voltage and Droop from a Nonuniform Transmission Line	MAO, Chongyang	
[267] Characterization and Fabrication of Carbon Nanotubes Grown on Ceramic Substrates for High Temperature RFID Applications	YAKUPOGLU, Baha	
[292] Partial discharge measurements and IEC standards: Justification of the use for their inclusion in afterlaying test for extruded cable systems	BEŠLIJA, Dejan BATALOVIĆ, Mirza	
[259] Performance improvement of a compact pulsed neutron generator with a vacuum arc ion source	YANG, zhen	
[215] Modular Marx Generator	RAINWATER, Kirk	
[135] Development of Variable Charging System for Voltage Adjustment	OGATA, Ryoma	
[8] Effects of mechanical pre-stress on the dielectric strength of alumina Al₂O₃	Ms JOUINI, Zenjebil	
[287] simulation and design of the multi-channel isolated charging for solid-state MARX generators		
[293] Analysis of Insulation Failure of Polymer Composite Blocks Using High Frequency Wave Shapes	Prof. KASINATHAN, Elanseralathan Mr GUBER, Logesh GUNASEKARAN, Makendran Mr SIVASHANMUGAM, Malaiyappasamy	
[294] A Marx-Based Power Converter topology as a Current Source for Pulsed Magnets in Particles Accelerators	Dr AGUGLIA, Davide	
[80] Custom designed Dummy Loads for HV Pulsed Power Modulator Testing	OSEMANN, Michael	
[66] Influence of Test Conditions on the Thermally Stimulated Current Characteristics of Silicone Rubber Used for Composite Insulators	Ms GAO, Lijuan	
[171] Influence of Metallic Particle on Flashover Characteristics of Post Insulator in SF₆ Under Negative DC Voltage	GUO, Can	
[316] Flashover characteristics of metal particle contaminated GIS insulator under DC voltage		
[167] Chopper-Marx Circuit for Application to ILC: 1. Switching and Voltage Adding	Mr SUZUKI, Ryutaro	
[232] The reseaches on compact repetitive pulsed power system based on Marx generator	Prof. HAO, shirong	
[43] A Compact High Voltage Pulse Generator for Three Plasma Synthetic Jet Actuators Synchronous Discharge	Mrs REN, Chengyan	
[149] Pressure rise calculation due to an internal arc fault in HV metal-enclosed SF₆ GIS		
[75] A Repetitive Rate Pulse System Used in Lifetime Evaluation of High Voltage Ceramic Capacitors	Mr YAN, Jiaqi	
[343] Screamer: An Optimized Pulsed-Power Circuit Analysis Tool		