

2016 IEEE Power Modulator and High Voltage Conference

Thursday 7 July 2016

Poster 2-C - Marina (13:30 - 15:00)

[id] title	presenter	board
[56] A Modular 200kW-25kV DC Medium Frequency Resonant Converter for RF Power Amplifiers	AGUGLIA, Davide BONNIN, Xavier Abel	
[81] Design and Operation of Pulsed Power Systems Built to ESS Specifications	Mr KEMPKE, Michael	
[7] Bridge topology as primary switch for magnetic pulse compression circuit	STROWITZKI, Claus	
[207] Design of 40kV, 300us, 200Hz Solid-State Pulsed Power Modulator for Long Pulse Applications	RYOO, Hong-Je	
[113] Development of Compact High Voltage Power supply for -40kV Long Pulse	Dr HEO, Hoon Dr NAM, SangHoon KIM, SungChul	
[262] Design and Initial Measurements of a 12.5 kV Prototype Inductive Adder for CLIC DR Kickers	FOWLER, Tony	
[324] The design of a new explosive DC breaker using electromagnetic forming technology	Dr DING, tonghai	
[143] SILVACO BASED ELECTRO-THERMAL ANALYSIS OF 4H-SiC TIV-JFET STRUCTURE UNDER EXTREMELY HIGH CURRENT DENSITY RESISTIVE SWITCHING	Dr PUSHPAKARAN, Bejoy Dr BAYNE, Stephen	
[98] Driving Circuitry with Active Voltage Clamping across IGBTs in a Marx Configuration	SACK, Martin	
[117] Modeling and Experiment Research on Turn-off Characteristics of Pulse Power Thyristor	Ms TIAN, SHUYUN	
[129] Design of High-voltage Nanosecond Fast Repetitive Pulse Generator Based on Avalanche Transistor		
[333] Evaluation of Long Term Reliability and Safe Operating Area of 15 kV SiC PiN Diodes during Ultra-High Current Pulsed Conditions	HIRSCH, Emily	
[332] Simulation and Design Trade-Off Analysis of 15 kV SiC SGTO Thyristor during Extreme Pulsed Overcurrent Conditions	SCHROCK, James	
[289] Stacked Multi-Level Long Pulse Modulator Topology for ESS	COLLINS, Max	
[238] The high voltage pulsed current supply based on Solid-state devices	Mr SHI, Haozheng Prof. LIU, Kefu QIU, jian	
[110] Repetitive High Voltage Pulse Modulator Using Bipolar Marx Generator Combined with Pulse Transformer	Prof. LIU, Kefu	