2017 IEEE Pulsed Power Conference

Tuesday, 20 June 2017

<u>Poster session II - Pulsed Power Physics and Technology, Components and HV Insulation</u> - Hall 4 / Cambridge (13:30 - 15:00)

[id] title	presenter	board
[354] An Analysis of Strike and Restrike Characteristics of the Exploding Film Phenomenon Under Different Temperature and Pressure Conditions	Mr ALLEN, James Nick	72
[353] Long Term Evaluation of GaN HEMT under Overcurrent Operations	KIM, Matthew	73
[351] Effect of Electrode Composition on the Partial Discharge Activity of a Pre-Stretched Dielectric Elastomer Actuator	MARTINEZ, Andrea	74
[341] Transmission-line-circuit simulations of Z with an ion-diode current-loss mechanism	HUTSEL, Brian	75
[247] Some scaling rules for ferrite-loaded coaxial lines	Prof. MOTTA, Claudio	76
[254] Development of a novel insulation aging test system based on the high-voltage high-frequency square pulse generator	Mr ZUO, Zhou	77
[255] The measurement of pulsed magnetic field by a non-contact differential ring	Mr ZHOU, Wenting	78
[257] Pulsed Power Calibration and Test Benches at Epure	Mr GEORGES, Alain	79
[269] Nanosecond repetitive pulsed discharges under turbulent flow in atmospheric air flow	TANG, Miao	80
[271] Experimental Study of Dielectric Insulator Behaviour under High Voltage Pulse	DE FERRON, Antoine	81
[272] The Phenomena of Abnormal Discharges in Pseduospark Switch	Dr HAN, Ruoyu	82
[284] A 50 T high-stability flat-top pulsed magnetic field energized by a 100 MW pulsed generator-rectifier power supply with parameters self-adjusting model predictive control	YONGHENG, Huang	83
[295] Optimal Design of High Frequency Transformer Based on Fe-based Amorphous	Dr XU, Yun	84
[296] Impulse Breakdown Strength of Zinc Oxide / Epoxy Resin Nanocomposites	Mr TURNER, Paul	85
[303] Preliminary pulsed power design of an induction injector for radiographic applications.	Dr CASSANY, Bruno	86
[306] A novel electrode material for spark switches	Ms WU, Jiawei	87
[268] The triggered vacuum switch test based on the electromagnetic pulse welding	Mr WANG, Xiaoyu	88
[309] Characterisation of a Corona-stabilised Switch in Alternative Gas Mixtures	MACPHERSON, Ruairidh	89
[312] The Behaviour of Surface Discharges on a Liquid Nanocomposite Interface	Dr GIVEN, Martin	90