Session Program

5–9 Jul 2016

2016 IEEE Power Modulator and High Voltage Conference

Poster 2-B

Palace Hotel San Francisco
2 New Montgomery St. San Francisco, CA 94105United States

Thursday 7 July

13:30

Poster 2-B

Poster Session | **Location:** Presidio

Characterization of high voltage 4H-SiC IGBTs with wide epitaxial drift regions.

Speaker
Miguel Hinojosa

Pulse Series Generation Based on the Resistive Load of Neutron Source Type

Research on Transient Junction Temperature Rise of Pulse Thyristor

Speaker
Mr Jinchang Hu

Evaluation of High Voltage SiC PiN Diode with Robust Field Edge Termination as an Opening Switch Device

Speakers
Jason M. Sanders, Stanislav Soloviev

Thyratron Replacement

Speaker
Mr Michael Kempkes

Novel GSSA Modeling of Switching Functions and Control of High Power Voltage Source Inverters (VSI) for Advanced Aircraft Electric Power Systems

Speaker
Mr Hadi Ebrahimi

Investigation on discharge mechanism of a particle beam triggered gas switch

Speaker
Mr Tonglei Wang

A New soft Switch Circuit to improve the efficiency of a solid-state Marx generator

Speaker
Prof. kefu Liu

Delayed avalanche breakdown of high-voltage Si diodes: scenarios and mechanisms of picosecond-range switching

Speaker
Pavel Rodin

A High-current, IGBT-based Static Switches for Energy Extraction in Superconducting Power Circuits

Speaker
Mr Knud Dahlerup-Petersen

Test Results of a 7.5 kA Semi-Conductor Prototype Switch as Modular Switchgear in Energy Extraction Systems for the HL-LHC Magnet Test Bench Circuits

Speaker
Mr Gert Jan Coelingh

THYRISTOR BASED SWITCHES TRIGGERED IN IMPACT-IONIZATION WAVE MODE

Speaker
Anton Gusev

EFFECT OF CONDUCTIVE SCREENS ON THE STABILIZATION OF PLASMA CHANNELS WITH CURRENTS OF HUNDREDS kAmps

Speakers
Mr Dmitriy Bochkov, Dr Victor Bochkov

Characteristics of GaAs PCSS Triggered by Laser Diode array

An explosive pulsed power source based on ferroelectric generators and electrical exploding opening switches

Speaker
Dr youcheng wu

Research on the Working Gas Pressure of Spark Gap Switch in High Power Laser System

15:00