Session Program

Jul 5 – 9, 2016

2016 IEEE Power Modulator and High Voltage Conference

Poster 1-B

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

Wed, July 6

1:30 PM

Poster 1-B

Poster Session | **Location:** Presidio

The Anaysis of Time to Breakdown in Various Gas Insulation Systems

Speaker
Dr Emel Onal

Influence of Impulse Waveform Parameters on the Breakdown Voltage in SF6 Highly Inhomogeneous Electric Field

Speakers
Can Guo, Mr Tao Wen

DC Breakdown From Vacuum to Low Pressure in Dielectric-Loaded Systems*

Speaker
Manuel Aldan

Proposing Supercritical Fluids as a Replacement for SF6 in High–Voltage Circuit Breakers

Speaker
Bert van Heesch

PD Pulse Sequence Studies with model transformer insulation in Mercaptans contaminated transformer oil

Speakers
Dr Ramachandra Balaiah, sanjeev kumar

Dielectric breakdown characteristics of the rod-plane electrode system in SF6 gas under oscillating impulse voltage

Speaker
Prof. Junhao Li

Discussion on the Control Standards of Moisture Content in SF6 Electrical Equipment

Surface Flashover Properties of Polytetrafluoroethylene Modified by Ion Implantation in Vacuum

Speaker
Mr Dongdong Zhang

Relationship between the Physicochemical Properties of Materials and the Fractal Dimension of Creeping Discharges Propagating at Solid/Fluid Interfaces

Speaker
Prof. Abderrahmane Beroual

Comparison of breakdown voltage of N2, CO2, SF6, N2-SF6 and CO2-SF6 mixtures: Seeking substitutes for SF6 for high voltage apparatus

Speaker
Prof. Abderrahmane Beroual

3:00 PM

Influence of Electric Field Non-uniformity on Breakdown Characteristics in SF6/N2 Gas Mixtures Under Lightning Impulse

Speaker
Mr Can Guo

Characteristics of Residual Surface Charge Distribution on Alumina under DC Voltage in Vacuum

Speaker
Mr Guan-Jun Zhang

Research on the arc of mixture using the confined space

Speaker
qizheng ye

A coaxial ceramic vacuum insulator for a repetitive operated pulsed power source

Speaker
Dr Tao Xun

Influence of H2O on SF6 Discharge and Decomposition Characteristics Under Low Moisture Conditions

Speaker
Mr Kai LIU

Evaluation of Electrical Pulsing Strategy for Optimizing Cellular Inflows Through Electroporation by Nanosecond, High-Intensity Pulses

Speaker
Dr Qin Hu