

Session Program

22-28 Jun 2019



PPPS 2019

5.5 Insulation and Dielectric Breakdown I

DoubleTree at the Entrance to Universal Orlando
5780 Major Blvd. Orlando, Florida, 32819, USA

Thursday 27 June

13:30

5.5 Insulation and Dielectric Breakdown I

Session | **Location:** Double Tree at the Entrance to Universal Orlando, Seminole D/E | **Convener:**
Prof. Jacob Stephens

13:30–14:00

Breakdown characteristics of natural and synthetic ester liquids when containing varying levels of moisture

Speaker

Mr Chris Williamson

14:00–14:15

Investigation of Insulated Wire Breakdown Under DC and Lightning Impulse Conditions

Speaker

Landon Collier

14:15–14:30

INCEPTION VOLTAGE FOR ELECTRICAL DISCHARGES IN THE PRESENCE OF TRIPLE JUNCTIONS

Speaker

Michael Kirkpatrick

14:30–14:45

Investigation of electrical breakdown in high pressure (0.1 to 1 MPa) carbon dioxide and its mixtures under pulsed fields

Speaker

Prof. Guus Pemen

14:45–15:00

INFLUENCE OF THE CONCENTRATION ON SURFACE FLASHOVER OF THE EPOXY INSULATOR UNDER LIGHTENING IMPULSE VOLTAGE IN C4F7N-CO2 MIXTURES

Speaker

Zhongbo Zheng

15:00–15:15

Researches on spectrums and macroscopic forms of DC arc in a short air gap

Speaker

Dr Ruiyang Guan

15:30