

Session Program

3-7 Mar 2024



11th International Workshop on the Mechanisms of Vacuum Arcs (MeVArc 2024)

Experiments and Diagnostics

Tuesday 5 March

10:30

Experiments and Diagnostics: 1

Session

10:30–11:00

The influence of arcing on radio-frequency capacitively coupled plasma

Speaker

chul hee cho

11:00–11:30

Emission Characteristics of a Broad-Area Molybdenum Cathode under an Inhomogeneous Electric Field

Speaker

Moein Borghei

11:30–12:00

A 500 kV SF₆ insulated feedthrough for inverted insulator photoguns

Speaker

Gabriel Palacios Serrano

12:00

Wednesday 6 March

08:00

Experiments and Diagnostics: 3

Session

08:00–08:30

Analysis of the micro-scale dynamics of X-Ray emission profiles collected with a GEM detector in needle-plane experiments at HVPTF

Speaker

Federico Caruggi

08:30–09:00

X-ray Micro-Discharges Fine Dynamics in a Vacuum High Voltage Experiment

Speaker

Silvia Spagnolo

09:00–09:30

Aspect of High Field Testing

Speaker

Victoria Madeleine Bjelland

09:30–10:00

Study of different materials exposed to low energy H- irradiation and its effects on high voltage breakdown resistance

Speaker

Catarina Serafim

10:00

13:00

Experiments and Diagnostics

Session

13:00–13:30

Field Dependence of Conditioning Part 1: Electrode Simulation and Design

Speaker

Mr Lee Millar

13:30–14:00

Field Dependence of Conditioning-Experimental Measurements

Speaker

Victoria Madeleine Bjelland

14:00–14:30

Signs of plastic response in surfaces exposed to high electric fields.

Speaker

Yinon Ashkenazy

14:30–15:00

In-situ observation of field-induced nano-protrusion growth on a carbon-coated tungsten nanotip

Speaker

Andreas Kyrtsakis

15:00