

Session Program

Mar 19 - 23, 2017



6th International Workshop on Mechanisms of Vacuum Arcs (MeVArc 2017)

posters session

Other Institutes

Leonardo Plaza Jerusalem (Hosted by: Hebrew University, Jerusalem, Israel)

Mon, March 20

7:30 PM

posters session

Poster Session |

Location: Other Institutes, Leonardo Plaza Jerusalem (Hosted by: Hebrew University, Jerusalem, Israel)

Spectroscopic Study of Vacuum Breakdown Process Under Impulse Voltage

Speaker

Mr Zhipeng Zhou

Kinetic model of defects generation in oxide crystals by intense radiation

Speaker

Dr SUSUMU KATO

Simulations of gold surfaces under high electric fields

Speaker

Simon Vigonski

Metal Vacuum Arc Variants for High Charge State Ion Generation

Speaker

Prof. Ady Hershcovitch

Dislocation interactions in subsurface copper inducing electric breakdowns

Anode Temperature Measurement in a Vacuum Arc with a Black Body Electrode Assembly

Speaker

Itzhak Beilis

A theoretical link between voltage loss, field-enhancement-factor reduction, and Fowler-Nordheim-plot saturation

Speaker

Dr Richard Forbes

Note on using the principal Schottky-Nordheim barrier function $v(x)$

Speaker

Dr Richard Forbes

Testing Fowler-Nordheim-type equations

Speaker

Dr Richard Forbes

Dark current fluctuations in pre-breakdown conditions

Crater evolution and droplet generation in vacuum arcs during the cathode spot development

Pulsed DC System Facilities

Speaker

Iaroslava Profatilova

10:30 PM