



# 9th International Workshop on Mechanisms of Vacuum Arcs (MeVArc 2021)

## Wednesday, 10 March 2021

### Field emission: Theory (14:00 - 15:30)

-Conveners: Andreas Kyritsakis

time	[id] title	presenter
14:00	[5] General scaling laws of space charge effects in field emission	VESKE, Mihkel
14:30	[9] Quantum regime of field emission based on exchange-correlation effects in a nanogap	LI, Nan
15:00	[33] Theoretical study of field emission from dielectric coated surfaces	ZHANG, Peng

# Thursday, 11 March 2021

## Field emission: Experiments (14:00 - 15:30)

-Conveners: Anton Saessalo

time	[id] title	presenter
14:00	[37] ANALYZING EXPERIMENTAL DATA ON INGINITION OF CORONA DISCHARGES AND BREAKDOWN ON POSITIVE ELECTRODES IN HIGH-PRESSURE AIR FOR DIAGNOSTICS OF SURFACE MICROPROTRUSIONS	Dr FERREIRA, Nuno
14:30	[13] Silicon Field Emitter fabrication by TMAH Etching of convex/concave corners	Mr SCHELS, Andreas
15:00	[26] A New Experimental Method of beta Estimation	LACHMANN, Sagy Itschak