

8th International Workshop on Mechanisms of Vacuum Arcs (MeVArc 2019)

Monday, 16 September 2019

Modeling and Simulations - Applications: Oral #4 (16:00 - 17:30)

time	[id] title	presenter
16:00	[103] Field Emission Model for PIC-DSMC Simulations Based on Nanoscale Surface Characterization	MOORE, Chris
16:40	[95] Simulations of material surface modifications due to combined influence of femtosecond laser irradiation and applied electric fields	ZADIN, Vahur
17:00	[106] Breakdown-loaded electric field as a high gradient limit	Mr PASZKIEWICZ, Jan
17:20	[126] RF Breakdowns in the SPIDER experiment during its first operational phase	ZAMENGO, Andrea

Thursday, 19 September 2019

Modeling and Simulations - Applications: Oral #10 (08:30 - 10:00)

time	[id] title	presenter
08:30	[57] Collective motion of large number of cathode spots	Prof. KHARICHA, abdellah
09:10	[120] Machine learning for Cu surface kinetic Monte Carlo	KIMARI, Jyri
09:30	[97] Electrical Design and Voltage Holding Analyses of the MITICA Beam Source Mock-up and its Intermediate Electrostatic Shield	PATTON, Tommaso

Modeling and Simulations - Applications: Oral #11 (10:30 - 12:15)

time	[id] title	presenter
10:30	[112] Dynamic coupling between particle-in-cell and atomistic simulations	KYRITSAKIS, Andreas
11:10	[78] Mutual exchange of charged particles in high voltage dc devices insulated by high vacuum	Dr PILAN , Nicola
11:30	[75] Electric field devices for the EDM prototype ring	BORBURGH, Jan
11:40	[159] Development of the design technique with empirical scaling of vacuum insulation for electrostatic accelerators with large surface area and locally concentrated electric field for fusion application	Dr KOJIMA, Atsushi