



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

## Thursday, 23 March 2017

### Modeling and simulations: Modelling and Simulations (1) (08:30 - 12:30)

time	[id] title	presenter
08:30	[54] Review of BD related studies in HIP	Dr DJURABEKOVA, Flyura
09:00	[30] Growth mechanism of a nano-protrusion on tungsten tip under electric field	BAIBUZ, Ekaterina
09:30	[19] Surface evolution in high electric fields	JANSSON, Ville
10:00	[18] Atomistic modeling of metal surfaces under high electric fields: direct coupling of electric fields to the atomistic simulations	VESKE, Mihkel
10:30	break	
11:00	[21] Breakdown Events and Dark Current: a B.I.R.D. - eye view	Mr SPADA, emanuele
11:30	[23] BD nucleation as a critical transition in dislocation population	ASHKENAZY, Yinon
12:00	[8] Stochastic Model of Breakdown Nucleation under Intense Electric Fields	ENGELBERG, Eli

### Modeling and simulations: modelling (3) (14:00 - 17:10)

time	[id] title	presenter
14:00	[44] Model for Triggered Vacuum Switches	MOORE, Chris HOPKINS, Matthew Dr FIERRO, Andrew Dr MOORE, Stan
14:30	[43] Classical array models and the location of the field emission tunnelling barrier	Dr FORBES, Richard
15:00	break	
15:20	[34] Influence of nanoscale surface modifications to the estimated field enhancement and emission currents	ZADIN, Vahur
15:50	[52] Modeling RF Breakdown	NOREM, Jim
16:20	[24] Application of the Voltage Holding Predictive Model	Dr DE LORENZI, Antonio
16:50	goodbyes	