

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

Monday 8 March 2021

Experiments & Diagnostics: Effects of H- irradiation (14:15 - 15:45)

-Conveners: Walter Wuensch

time	[id] title	presenter
14:15	[41] Low-energy H- irradiation of accelerators components: influence of material and material properties on the breakdown resistance at high electric fields	CALATRONI, Sergio
14:45	[38] Microscopy investigation of the surface behaviour of different materials after H- irradiation in different conditions	PEREZ FONTENLA, Ana Teresa
15:15	[32] Pulsed DC Large Electrode System Study of the effects of H- Irradiation on Breakdowns	PEACOCK, Ruth

Experiments & Diagnostics: DC systems (16:00 - 17:30)

-Conveners: Sergio Calatroni

time	[id] title	presenter
16:00	[30] Identification of Dislocation Structure in Cu Electrodes	POPOV, Inna
16:30	[17] Copper Surfaces: Comparative Studies in Cryogenic High Fields	WAAGAARD, Elias
17:00	[19] In-situ plasma cleaning of Cu surfaces for reducing the generation of vacuum arc breakdowns	SARESSALO, Anton

Tuesday 9 March 2021

Experiments & Diagnostics (15:45 - 17:45)

-Conveners: Marek Jacewicz

time	[id] title	presenter
15:45	[16] Real-time observation of strong electric-field-induced surface modification	VLASSOV, Sergei
16:15	[29] Characterization of Cu electrodes after vacuum breakdown with AFM and SEM	ORAS, Sven
16:45	[20] New Development of BIRD model	SPADA, Emanuele
17:15	[24] Characterization of the breakdown voltage of vacuum interrupters by different procedures	Dr D.TAYLOR, Erik

Friday 12 March 2021

Experiments & Diagnostics: Breakdown in RF structures (14:00 - 15:30)

-Conveners: Antonio De Lorenzi

time	[id] title	presenter
14:00	[27] Light and Electron Emission as Breakdown Probes in X-band rf microscope	BARYSHEV, Sergey
14:30	[40] Mo/Cu Multilayers by Bias HiPIMS for X-Band technology	RIGATO, Valentino
15:00	[7] FEbreak: A Comprehensive Diagnostic and Automated Conditioning Interface for Analysis of Breakdown and Dark Current Effects	SCHNEIDER, Mitchell