

Session Program

3-7 Mar 2024



**11th International Workshop on the
Mechanisms of Vacuum Arcs (MeVArc 2024)**

Field Emission

Tuesday 5 March

13:30

Field Emission: Cryogenic Field Emission

Session | Location:

13:30-14:00

High Gradient C-band Cryogenic Copper Silver Structures

Speaker

Mitchell Schneider

14:00-14:30

Cryogenic High Gradient RF Dark Current Studies at CYBORG Beamline

Speaker

Gerard Lawler

14:30-15:00

Exploring high gradient limit with cryogenic experiments at FREIA laboratory

Speaker

Marek Jacewicz

15:00-15:30

Field emission current evolution during conditioning at cryogenic temperatures

Speaker

Mircea Coman

15:30

Wednesday 6 March

10:30

Field Emission: 1

Session | Location:

10:30-11:00

Field emission assisted heating of Cs₂Te photocathode: Implication toward RF breakdown

Speaker

Ryo Shinohara

11:00-11:30

Deducing the size of breakdown inducing tips from their beam spot shape

Speaker

Salva Barranco Cárceles

11:30-12:00

General Thermal-Field Emission and Space-Charge Limits for Particle-In-Cell and Nexus Theory

Speaker

Adam Darr

12:00