

10th International Workshop on Thin Films and New Ideas for Pushing the Limits of RF Superconductivity

Wednesday, September 21, 2022

SRF Thin Film Characterization: 1 - CEBAF Center auditorium (10:50 AM - 12:30 PM)

-Conveners: Lorena Vega

time	[id] title	presenter
10:50 AM	[32] Advanced characterization of SRF samples	KECKERT, Sebastian
11:20 AM	[33] Optimization of Quadrupole Resonator geometry at JLab	BIRA, SARRA
11:50 AM	[17] RF Characterisation of Bulk Niobium and Thin Film Coated Samples at 7.8 GHz	SEAL, Daniel

Thursday, September 22, 2022**SRF Thin Film Characterization: 2 - CEBAF Center auditorium (9:00 AM - 10:30 AM)****-Conveners: Eric Lechner**

time	[id] title	presenter
9:00 AM	[9] Temperature Mapping of Niobium-coated 1.3 GHz Copper Cavities	BIANCHI, Antonio
9:30 AM	[27] SPLIT SRF THIN FILM 6 GHZ CAVITIES	SIAN, Taaj
10:00 AM	[10] Stress-induced omega (ω) phase transition in Nb thin films	LEE, Jaeyel

SRF Thin Film Characterization: 3 - CEBAF Center auditorium (10:50 AM - 12:25 PM)**-Conveners: Tsuyoshi Tajima**

time	[id] title	presenter
10:50 AM	[20] A DC magnetic field penetration facility for the characterisation of planar multilayer structures for superconducting radiofrequency applications	TURNER, Daniel
11:20 AM	[35] Development 3rd Harmonic Magnetometer at Jefferson Lab	BEVERSTOCK, David
11:50 AM	[7] DC MAGNETIC HALL PROBE TECHNIQUE TO CHARACTERIZE THE MATERIALS FOR ACCELERATING CAVITIES	SENEVIRATHNE, Harshani

SRF Thin Film Characterization: 4 - CEBAF Center auditorium (1:55 PM - 3:40 PM)**-Conveners: Claire Antoine**

time	[id] title	presenter
1:55 PM	[29] Experimental evidence for counter current flow in superconductor-superconductor bilayers	ASADUZZAMAN, Md
2:25 PM	[46] STM for SRF Thin Films	Prof. IAVARONE, Maria
3:10 PM	[44] SRF Thin Films: Characterization: Discussion	