

Session Program

16-20 Sept 2024



11th International Workshop on Thin Films and New Ideas for Pushing the Limits of RF Superconductivity - TFSRF2024

Functional Layers -Synergies

Bat. 100, Université Paris-Saclay, France, Auditorium Joliot-Curie
Batiment 100, Orsay Campus

Thursday 19 September

11:15

Functional Layers -Synergies

Session | **Location:** Bat. 100, Université Paris-Saclay, France, Auditorium Joliot-Curie, Batiment 100, Orsay Campus

11:15-11:38

Surface engineering by atomic layer deposition and heat treatment for 3D Niobium resonators for applications in superconducting qubits

Speaker

Yasmine Kalboussi

11:38-12:01

Point Contact Tunneling Spectroscopy for Qubits and SRF cavities

Speaker

Ivana Curci

12:01-12:24

Atomic layer deposition of Ta₂O₅ - a new material for coating cavities

Speaker

Marco Voige

12:24

13:49

Functional Layers -Synergies

Session | **Location:** Bat. 100, Université Paris-Saclay, France, Auditorium Joliot-Curie, Batiment 100, Orsay Campus

13:49-14:12

Thin films to mitigate multipacting

Speakers

Mathieu Lafarie, Dr Thomas Proslie

14:12-14:35

Status of the Inner-wall Thermal Conducting Film (ITCF) Study

Speaker

Didi Luo

14:35-14:58

Characterization of PEALD Coated Thin Films for SRF Cavity Research

Speaker

Lea Sophie Preece

15:28

14:58-15:28

Discussion time