

## **Session Program**

**16-20 Sept 2024**



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

## ***SRF limits***

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

# Monday 16 September

09:30

## SRF limits

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

09:30–10:03

### Exploring Performance Degradation in Niobium Thin Film Radio- Frequency Cavities: A Comprehensive Study

**Speaker**

Antonio Bianchi

10:03–10:36

### Superheating field in superconductors with nanostructured surface

**Speaker**

Alex Gurevich

10:36–11:09

### Frequency Shift Regimes and Quality Factor of the Superconducting Cavities within the Dynes Superconductor Theory

**Speaker**

František Herman

11:09

11:34

## SRF limits

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

11:34–11:57

### Suppression effect on Nb<sub>3</sub>Sn films: Effects of Coating Growth Duration on the Topography of Sn Vapor-Diffused Nb<sub>3</sub>Sn

**Speakers**

Eric Lechner, Uttar Pudasaini

11:57–12:30

### Layered iron-based superconductors for SRF cavities

**Speaker**

Akira Miyazaki

12:30–13:03

### Surface heating in HTS-based high field pulsed RF cavities

**Speaker**

Prof. Ruggero Vaglio

13:03