

## **Session Program**

**16-20 Sept 2024**



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

## ***Nb thin film technology***

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

# Monday 16 September

15:16

## Nb thin film technology

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

15:16–15:49 **Status of HIPIMS developments at CERN**

**Speaker**

Mr Kristof Brunner

15:49–16:12

**Ion bombardment energy effect on microstructure and critical current density of Nb/Cu thin films for SRF application.**

**Speaker**

Guillaume Jonathan Rosaz

16:12

16:32

## Nb thin film technology

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

16:32–17:05 **HiPIMS Nb/Cu cavities at 1.3 GHz**

**Speaker**

Anne-Marie Valente-Feliciano

17:05–17:28

**HiPIMS Deposition of Nb Coatings with Bias Voltage: Preparation and Characterization at IHEP**

**Speaker**

Haichang Duan

17:29–17:52

**Addressing the Medium-Field Q-Slope Challenge in Nb Thin Film Cavities**

**Speaker**

Bektur Abdisatarov

18:12