

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

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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