

## **Session Program**

**18-26 Sept 2025**



**SRF2025  
TOKYO**

**22<sup>ND</sup> INTERNATIONAL CONFERENCE  
ON RF SUPERCONDUCTIVITY**

**September 21-26, 2025**

# **SRF2025 - 22nd International Conference on RF Superconductivity**

## ***Tuesday Oral Session: B***

Ito International Research Center  
Tokyo

## Tuesday 23 September

11:00

### Tuesday Oral Session: B: Fundamental SRF research and development/ Cavities/ SRF Technologies

**Session** | **Location:** Ito International Research Center, Tokyo

11:00–11:20

#### Systematic study of annealing effects on RF properties of HiPIMS Nb film

**Speaker**

Bektur Abdisatarov

11:20–11:40

#### Nb3Sn coating and conduction cooling R&D at KEK

**Speaker**

Tomohiro Yamada

11:40–12:00

#### Advancements in HF-free bipolar pulsed electropolishing for next-generation superconducting cavities

**Speaker**

Rong-Li Geng

12:00–12:20

#### Plasma electrolytic polishing of 1.3 GHz cavities

**Speaker**

Eduard Chyhyrynets

12:20–12:40

#### Plasma processing of FRIB low-beta cryomodules using higher-order modes

**Speaker**

Patrick Tutt

12:40–12:55

#### Plasma processing under the microscope: a multi-diagnostic investigation from langmuir probes to cryogenic RF tests in low-beta SRF cavities

**Speaker**

Camille CHENEY

12:55–13:10

#### Study of niobium surface under ultra high vacuum after heat treatment for SRF cavities

**Speaker**

Chahinez Boutelaa

13:10