

## **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**

## ***Thursday Oral Session: A***

Ito International Research Center  
Tokyo

# Thursday 25 September

08:30

## Thursday Oral Session: A: Fundamental SRF research and development

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

08:30–08:50

**Production of Nb<sub>3</sub>Sn film on copper substrate by the bronze route and the RF characterization of samples with the quadrupole resonator**

**Speaker**

Ming Lu

08:50–09:10

**Development of Nb<sub>3</sub>Sn coatings on copper at INFN-LNL**

**Speaker**

Dorothea Fonnesu

09:10–09:30

**Improving quench fields of enhanced-T<sub>c</sub> surfaces**

**Speaker**

Nathan Sitaraman

09:30–09:50

**Studies as a function of different ALD capping layers on cavity losses for QIS and accelerators**

**Speaker**

Laura Grassellino

09:50–10:10

**Understanding anti-Q-slope and Q-slope in SRF cavities: a unified theoretical framework**

**Speaker**

Antonio Bianchi

10:10–10:30

**Nonequilibrium corrections and Higgs mode in superconducting devices: unraveling the pronounced Anti-Q slope in high-frequency regime and current-dependent kinetic inductance**

**Speaker**

Takayuki Kubo

10:30