

Session Program

18-26 Sept 2025



**SRF2025
TOKYO**

**22ND INTERNATIONAL CONFERENCE
ON RF SUPERCONDUCTIVITY**

September 21-26, 2025

SRF2025 - 22nd International Conference on RF Superconductivity

Wednesday Oral Session: A

Ito International Research Center
Tokyo

Wednesday 24 September

08:30

Wednesday Oral Session: A: Cavities / SRF Technologies

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

08:30–08:50

RF characterization of 1.3 GHz single-cell Nb/Cu full-seamless cavity manufactured by hydroforming

Speaker

Hayato Araki

08:50–09:10

Nb3Sn superconducting cavity developments for heavy-ion beams

Speaker

Troy Petersen

09:10–09:30

Towards high power tests of an FE-FRT for transient detuning

Speaker

Samuel Smith

09:30–09:50

First beam acceleration using cryo-cooled Nb3Sn coated cavity at IMP

Speaker

Ziqin Yang

09:50–10:10

Beam acceleration with a Nb3Sn cryomodule at JLAB

Speaker

Rong-Li Geng

10:10–10:30

Performance of the Cornell conduction-cooled Nb3Sn cavity cryomodule

Speaker

Jake Parsons

10:30