



# International Workshop on Future Linear Colliders, LCWS2024

## Tuesday, 9 July 2024

### Superconducting RF: 1 - Koshiba Hall (09:00 - 10:30)

-Conveners: Enrico Cenni

time	[id] title	presenter
09:00	[300] Oxide dissolution and oxygen diffusion scenarios in niobium and implications on the Bean–Livingston barrier in superconducting cavities	LECHNER, Eric
09:20	[217] SRF programs towards High-Q/High-G cavities in IJCLab	MIYAZAKI, Akira
09:40	[293] Status of fabrication of 9-cell cavities.	SAEKI, Takayuki
10:00	[273] sX mapping system test at ORNL	GENG, Rongli

### Superconducting RF: 2 - Koshiba Hall (11:00 - 12:35)

-Conveners: Yasuchika Yamamoto

time	[id] title	presenter
11:00	[75] Cavity tuner development for the ITN cryomodule at KEK	Dr OMET, Mathieu
11:20	[266] Production status of power coupler in MEXT-ATD/ITN	Dr KATAYAMA, Ryo
11:40	[270] Development of the RF power distribution System for the ILC Prototype Cryomodule	JOSHI, Prakash
12:00	[227] Cleanroom assembly of the IFMIF SRF Linac	CHAMBRILLON, Janic
12:20	[150] High Power RF Testing of REBCO Samples	DHAR, Ankur

# Wednesday, 10 July 2024

## Superconducting RF: 3 - 207 (09:00 - 10:30)

-Conveners: Sergey Belomestnykh

time	[id] title	presenter
09:00	[127] Traveling Wave Demonstration in SRF Cavity With a Feedback Waveguide	KOSTIN, Roman
09:20	[95] Development of a half-meter scale Traveling-Wave (TW) SRF cavity	Dr FURUTA, Fumio
09:40	[268] ILC Upgrade with Energy Recovery	YOKOYA, Kaoru
09:55	[108] The fabrication of the 1.3 GHz single-cell cavity utilizing the different grain size niobium materials	Dr HAN, Junho

## Superconducting RF: 4 - 207 (11:00 - 12:30)

-Conveners: Dimitri Delikaris

time	[id] title	presenter
11:00	[292] High pressure gas safety and cavity performance in MEXT-ATD/ITN	UMEMORI, Kensei
11:20	[110] Cryomodule Test Buncer for ITN	NAKANISHI, Kota
11:40	[267] Cryomodule design and construction at KEK	DOHMAE, Takeshi
11:55	[274] Towards field emission free cavity processing and string assembly at Fermilab	WU, Genfa
12:15	[269] The status of robotic clean assembly in KEK	YAMADA, Tomohiro

## Superconducting RF: 5 - 207 (15:00 - 16:00)

-Conveners: Daniele Sertore

time	[id] title	presenter
15:00	[223] Plasma processing development for SPIRAL2 quarter-wave resonators: experimental and simulation studies	CHENEY, Camille
15:20	[230] Robotisation of cavity string assembly at CEA	DRANT, Julien
15:40	[232] Status of ess cryomodule test in orepararion for beam commissioning	MAIANO, Cecilia

## Superconducting RF: 6 - 207 (16:00 - 17:30)

-Conveners: Marc Wenskat

time	[id] title	presenter
16:00	[263] Superconducting Thin Films on Higher Order Mode Antennas to Increase the CW Performance of SRF Cavities at MESA	PLATTNER, Paul
16:20	[231] High-Q cavities measurements and diagnostics	BERTUCCI, Michele
16:40	[258] Nb3Sn on Cu thin film SRF cavities for new generation LINACS operating at 4.5 K	PIRA, Cristian
17:00	[251] Strategy for cavity R&D towards an upgrade of the European XFEL - current performance and the need for a new specification	RESCHKE, Detlef