

Session Program

9-13 Nov 2026



International Workshop on Future Linear Colliders 2026

Superconducting RF Systems

KEK

Tuesday 10 November

14:00

Superconducting RF Systems

Session | **Location:** KEK, Bld.4-1F-Seminar hall

14:00–14:20 The recent progress of ITN project at KEK

Speaker

Dr Mathieu Omet

14:20–14:40

Recent progress of the ITN cryomodule production and preparation of COI facility at KEK

Speaker

Dr Takafumi Hara

14:40–15:00

Automated SRF Cavity Vertical Testing Using MicroTCA.4-Based Digital LLRF System

Speaker

Eric Viklund

15:00–15:20

Status of SRF cavity tuner for the ILC prototype cryomodule being built at KEK

Speaker

Dr Mathieu Omet

15:20–15:30 Discussion

Speaker

Yasuchika Yamamoto

15:30

16:00

Superconducting RF Systems

Session | **Location:** KEK, Bld.4-1F-Seminar hall

16:00–16:20 ITN-EU activities

Speaker

Karl-Martin Schirm

16:20–16:40

Plasma Processing of Elliptical Cavities at INFN LASA

Speaker

Elisa Del Core

16:40–17:00

Analysis of HOM Power Propagation and Absorption in the PERLE String

Speaker

Axel Perez Ruiz

17:00–17:20

Commissioning of ESS superconducting linac in preparation for beam on target

17:30

Speaker

Dr Cecilia Maiano

17:20–17:30

Discussion

Speaker

Yasuchika Yamamoto

Wednesday 11 November

14:30

Superconducting RF Systems

Session | **Location:** KEK, Bld.4-1F-Seminar hall

14:30–14:50

The investigation of the manufacturing methods for 1.3 GHz 9-cell cavity under the International Linear Collider Technology Network(ITN)

Speaker

Dr Junho Han

14:50–15:10

Progress of High-current Superconducting Cavity Cryomodule at IHEP

Speaker

Rui Ge

15:10–15:30

Fabrication and Radiofrequency Characterization of 1.3 GHz TESLA-type 9-Cell Copper Prototype Cavities

Speaker

Seongjae Choi

15:30–15:50

Research Progress on 1.3 GHz High-Gradient Superconducting Cavity and cryomodule at IHEP

Speaker

Dr MI ZHENGHUI

15:50–16:00

Discussion

Speaker

Yasuchika Yamamoto

16:00

16:30

Superconducting RF Systems

Session | **Location:** KEK, Bld.4-1F-Seminar hall

16:30–16:50

Recent SRF cavity fabrication studies at KEK

Speaker

Prof. Masashi YAMANAKA

16:50–17:10

Development of an organic-solvent electropolishing process for mirror finishing of Nb

Speaker

Dr Takeyoshi Goto

17:10–17:30

Statistical evaluation of mechanical properties of fine grain niobium sheets.

Speaker

Hiroaki Umezawa

17:30-17:50

Improved mid-T heat treatments for cavity performance and the upgrade of DESY's B-mapping system

Speaker

Dr Marco Voige

17:50-18:00

Discussion

Speaker

Yasuchika Yamamoto

18:00