

Session Program

8-9 Oct 2020



Student workshop on superconductivity and applications

Session 2 - Day 1 - AM

CNR-Spin
Corso Ferdinando Maria Perrone, 24, 16152 Genova GE, Italy

Thursday 8 October

11:00

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Session | **Location:** CNR-Spin, Corso Ferdinando Maria Perrone, 24, 16152 Genova GE, Italy

11:00–11:30

The Next Generation Materials for Superconducting Radio-Frequency (SRF) Cavities of Modern Particle Accelerators

Speakers

Ayse Özdem Sezgin, Michael Vogel, Xin Jiang, Isabel Gonzales Diaz-Palacio , Robert Zierold, Stewart Bristow Leith

11:30–12:00

Microstructural characterization of advanced superconducting materials for different components of the CERN Future Circular Collider (FCC-hh)

Speaker

Mrs Alice Moros

12:00–12:30

Development of a Station at the CERN Central Cryogenic Laboratory for the Measurement of the Critical Temperature of Superconducting Thin Films Deposited on Copper

Speaker

Dorothea Fonnesu

12:30–13:00

Investigation of the influence of copper surface preparation methods on the srf performance of bulk niobium films

Speaker

Dmitry Tikhonov

13:00