

Session Program

9-10 Mar 2023



1st High Temperature superconductors for Accelerator Technology (HiTAT) workshop

Session 2: REBCO Cables, Modelling, Characterization

CERN, 30/7-018 - Kjell Johnsen Auditorium

Thursday 9 March

14:00

Session 2: REBCO Cables, Modelling, Characterization

Session | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium

14:00–14:20

Scaling law of the anisotropic magnetic field dependence of the critical current of REBCO coated conductors

Speaker

Giovanni Succi

14:20–14:40

Electrical properties of REBCO tapes and scaling law

Speaker

Carmine Senatore

14:40–15:00

REBCO Cables at CERN

Speaker

Dr Christian Barth

15:00–15:20

HTS Cable for IFAST CCT

Speaker

Thibault LECREVISSE

15:20–15:40

AC loss in round cables from helically arranged HTS tapes

Speaker

Fedor Gömöry

15:40–16:00

Roebel cables for Eucard-2

Speaker

Dr Anna Kario

16:00–16:20

Coffee Break

16:20–16:40

High field test facilities for HTS

Speaker

Francois Debray

16:40–17:00

Magnetization: measurements of multifilament REBCO tapes

Speaker

Prof. 尚之 Amemiya

17:00–17:20

Current Distribution and the “Critical” Current in REBCO Tapes and Coils

Speaker

Yifeng Yang

17:20–17:40

Overview of mechanical characterization and properties of REBCO tapes

18:00

Speaker

Herman Ten Kate