

Session Program

10-13 Mar 2025

**CCA (Coated Conductor for Applications) 2025
workshop**

Cables for Magnets

CERN, 503/1-001 - Council Chamber

Wednesday 12 March

14:30

Cables for Magnets

Session | **Location:** CERN, 503/1-001 - Council Chamber

14:30–14:50 **An overview of HTS high-current conductors tested in SULTAN**

Speakers

Nikolay Bykovskiy, Nikolay Bykovskiy, Nikolay Bykovskiy

14:55–15:15

Striation for the reduction of AC loss and magnetization of CC tapes and cables

Speaker

Fedor Gömöry

15:20–15:40

Is transposition necessary in superconducting cables? Consequences of lack of transposition on AC losses and current distribution in coated conductor cables

Speaker

Davide Uglietti

15:45–16:00

Measurement and FE modelling critical transverse loading limits of REBCO CORC[®]-like cables for fusion

Speaker

Dr Arend Nijhuis

16:05–16:20

The status of HTS CICC magnet development for the next fusion reactor in China

Speaker

Jinggong Qin

16:20