

Session Program

Mar 10 - 13, 2025

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

Cables for Magnets

CERN, 503/1-001 - Council Chamber

Wed, March 12

2:30 PM

Cables for Magnets

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Convener:** Herman Ten Kate

2:30 – 2:50 PM **An overview of HTS high-current conductors tested in SULTAN**

Speakers

Nikolay Bykovskiy, Nikolay Bykovskiy, Nikolay Bykovskiy

2:55 – 3:15 PM

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

Speaker

Fedor Gömöry

3:20 – 3:40 PM

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

Speaker

Davide Uglietti

3:45 – 4:00 PM

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

Speaker

Dr Arend Nijhuis

4:05 – 4:20 PM

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

Speaker

Jinggang Qin

4:20 PM