

**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**

Jinggang Qin

16:20