

**TE-HFM Day**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Nb3Sn conductors for high field magnets

*Thursday 19 September 2024 09:00 (30 minutes)*

**Presenter:** BOUTBOUL, Thierry (CERN)

**Session Classification:** Nb3Sn Conductors and Magnets

Contribution ID: 2

Type: **not specified**

## Nb3Sn Magnet Technology Development Program (TDP)

*Thursday 19 September 2024 09:30 (30 minutes)*

**Presenter:** HAZIOT, Ariel (CERN)

**Session Classification:** Nb3Sn Conductors and Magnets

Contribution ID: 3

Type: **not specified**

## 12T Nb<sub>3</sub>Sn cosΘ FalconD dipole

*Thursday 19 September 2024 10:00 (30 minutes)*

**Presenter:** FOUSSAT, Arnaud Pascal (CERN)

**Session Classification:** Nb<sub>3</sub>Sn Conductors and Magnets

Contribution ID: 4

Type: **not specified**

## Nb3Sn 14T block dipole

*Thursday 19 September 2024 10:30 (30 minutes)*

**Presenter:** PEREZ, Juan Carlos (CERN)

**Session Classification:** Nb3Sn Conductors and Magnets

Contribution ID: 5

Type: **not specified**

## **Insulation materials for HFM magnet coils and conductors**

*Thursday 19 September 2024 14:20 (30 minutes)*

**Presenter:** PICCIN, Roland (CERN)

**Session Classification:** Model and system integration

Contribution ID: 6

Type: **not specified**

## **Quench detection, protection and diagnostic methods for Nb<sub>3</sub>Sn and HTS high-field magnets**

*Thursday 19 September 2024 14:50 (30 minutes)*

**Presenter:** VERWEIJ, Arjan (CERN)

**Session Classification:** Model and system integration

Contribution ID: 8

Type: **not specified**

## Test infrastructure needs for the HFM R&D programme

*Thursday 19 September 2024 11:30 (20 minutes)*

**Presenter:** MANGIAROTTI, Franco Julio (CERN)

**Session Classification:** Infrastructures and Measurement Techniques



Contribution ID: 9

Type: **not specified**

## Infrastructure needs for conductors

*Thursday 19 September 2024 11:50 (20 minutes)*

**Presenter:** FLEITER, Jerome (CERN)

**Session Classification:** Infrastructures and Measurement Techniques

Contribution ID: 11

Type: **not specified**

## **HTS REBCO tapes, cables and associated technologies**

*Thursday 19 September 2024 15:50 (30 minutes)*

**Presenter:** Dr BALLARINO, Amalia (CERN)

**Session Classification:** HTS Conductors and HTS Magnet Technologies

Contribution ID: 12

Type: **not specified**

## **Demonstrator of the dielectric-insulated REBCO high field magnet coils**

*Thursday 19 September 2024 16:20 (30 minutes)*

**Presenter:** Dr BALLARINO, Amalia (CERN)

**Session Classification:** HTS Conductors and HTS Magnet Technologies

Contribution ID: 14

Type: **not specified**

## HTS laboratory

*Thursday 19 September 2024 16:50 (30 minutes)*

**Presenter:** Dr BALLARINO, Amalia (CERN)

**Session Classification:** HTS Conductors and HTS Magnet Technologies

Contribution ID: 15

Type: **not specified**

## **Introduction and outlook on contribution from collaborations**

*Thursday 19 September 2024 08:30 (30 minutes)*

**Presenter:** Dr TODESCO, Ezio (CERN)

Contribution ID: 16

Type: **not specified**

## HTS high field insert magnets and MuC solenoids

*Thursday 19 September 2024 12:10 (30 minutes)*

**Presenter:** BOTTURA, Luca (CERN)

**Session Classification:** HTS Conductors and HTS Magnet Technologies

Contribution ID: 17

Type: **not specified**

## **Transducers, instrumentation and measurement equipment needs for the HFM R&D programme**

*Thursday 19 September 2024 14:00 (20 minutes)*

**Presenter:** FISCARELLI, Lucio (CERN)

**Session Classification:** Infrastructures and Measurement Techniques