

2nd High Temperature Superconductors for Accelerator Technology (HiTAT-2) workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Thursday 13 March 2025 08:30 (20 minutes)

Contribution ID: 2

Type: **not specified**

Welcome

Thursday 13 March 2025 08:50 (10 minutes)

Presenters: Dr BALLARINO, Amalia (CERN); ROSSI, Lucio (Università degli Studi e INFN Milano (IT))

Contribution ID: 3

Type: **not specified**

Overview of company products more suitable to accelerator: Transport properties, long length (20' + 10')

Session Classification: Session 1: Conductor/Cable for HTS accelator magnets

Contribution ID: 4

Type: **not specified**

Reducing Magnetization: striation ? other methods? (20' + 10')

Session Classification: Session 1: Conductor/Cable for HTS accelator magnets

Contribution ID: 5

Type: **not specified**

Review of mechanical properties (including delamination) (20' + 10')

Session Classification: Session 1: Conductor/Cable for HTS accelator magnets

Contribution ID: 6

Type: **not specified**

Review of cable (30' + 10')

Session Classification: Session 1: Conductor/Cable for HTS accelator magnets

Contribution ID: 7

Type: **not specified**

Potential for cost reduction including technical perspective (15' + 5')

Session Classification: Session 1: Conductor/Cable for HTS accelerator magnets

Contribution ID: 8

Type: **not specified**

Evolution of the price –update of LTS/HTS (10' + 5')

Session Classification: Session 1: Conductor/Cable for HTS accelator magnets

Contribution ID: 9

Type: **not specified**

Discussion

Session Classification: Session 1: Conductor/Cable for HTS accelator magnets

Contribution ID: **10**

Type: **not specified**

NI/MI prospect for accelerator magnets at CEA (25' + 5')

Session Classification: HTS Magnet Session

Contribution ID: **11**

Type: **not specified**

Perspectives for HTS accelerator magnets by INFN (25' + 5')

Session Classification: HTS Magnet Session

Contribution ID: 12

Type: **not specified**

CERN experience and perspective on HTS acclerator magnets (25' + 5')

Session Classification: HTS Magnet Session

Contribution ID: 13

Type: **not specified**

PSI experience and perspective on HTS acclerator magnets (25' + 5')

Session Classification: HTS Magnet Session

Contribution ID: 14

Type: **not specified**

Detection /Protection of REBCO –limitation of capacitor discharge from full NI to full I (MPE) (25' + 5')

Session Classification: HTS Magnet Session

Contribution ID: 15

Type: **not specified**

Winding and properties of STAR / CORC in Accelerator magnets (25' + 5')

Session Classification: HTS Magnet Session

Contribution ID: **16**

Type: **not specified**

Discussion

Session Classification: HTS Magnet Session