

Session Program

17-21 Sept 2017



EUCAS 2017

3LO3 - Quench Protection

Geneva, CIG

Wednesday 20 September

10:15

3LO3 - Quench Protection

Session | Location: Geneva , CIG Room 2

10:15-10:45

3LO3-01 Overview of the Quench Heater Performance for MQXF, the Nb3Sn low-beta Quadrupole for the High Luminosity LHC.

Speaker

Susana Izquierdo Bermudez

10:45-11:00

3LO3-02 Stability, quench, and current sharing in Roebel and CORC cables for HEP magnets

Speaker

Mike Sumption

11:00-11:15

3LO3-03 Quench detection for HTS magnets using acoustic thermometry

Speaker

Maxim Marchevsky

11:15-11:30

3LO3-04 A novel quench detection method using radio frequency wave technology

Speaker

Hu Yanlan

11:30-11:45

3LO3-05 Quench detection via Rayleigh backscattering interrogated optical fibers

Speaker

Federico Scurti

11:45-12:00

3LO3-07 Normal zone propagation velocity and surface temperature mapping in HTS coated conductors during quench

Speaker

Roland Gyuráki

12:00-12:15

3LO3-08 AC losses and inter-strand resistance in impregnated ReBCO Roebel cables

Speaker

Peng Gao

12:15