

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 4LP1 - Accelerator magnets and cables

Geneva, CIG

Thursday 21 September

10:15

Poster : 4LP1 - Accelerator magnets and cables

Poster Session | Location: Geneva, CICC

4LP1-01 An High Field Insert Accelerator Class Dipole Magnet Constructed with Roebel Multi-tape HTS Cable

Speaker

Glyn Kirby

4LP1-02 Quench propagation in Nb₃Sn cos-theta 11 T dipole model magnets in high stress areas

Speaker

Franco Julio Mangiarotti

4LP1-03 Simulation of a Quench Event in the Reconfigured LHC Main Dipole Circuit Including the 11 T Magnets for the High-Luminosity Upgrade

Speaker

Alejandro Fernandez Navarro

4LP1-04 Finite Element Analysis of the mechanical conditions in the Nb₃Sn cable of the DS11T dipole magnet during operation

Speaker

Christian Löffler

4LP1-05 Advanced Nb₃Sn Conductors Tested in a Racetrack Coil Configuration for the 11T Dipole Project

Speaker

Hugo Bajas

4LP1-06 Design of a 4 Tm forward superconducting dipole for the FCC-hh detector magnet system

Speaker

Erwin Bielert

4LP1-08 Measuring the Magnetic Center Behavior and Field of FRIB Superconducting Magnets

Speaker

Ge Zhengfu

4LP1-09 Process gas characterisation and control during Nb₃Sn coil reaction heat treatment

Speaker

Christian Scheuerlein

4LP1-10 Design and Testing of a Demonstration HTS dipole Magnet at 77 K

Speaker

Timing Qu

4LP1-11 Trans National Access to CERN Superconducting Magnet Test Facility within the framework of EUCARD2

Speaker
Marta Bajko

4LP1-13 Nitrogen Cryogenic System for the NICA Accelerator Complex at JINR

Speaker
Iuliia Mitrofanova

4LP1-14 Compact common-coil design for a future collider

Speaker
Emmanuele Ravaioli

4LP1-15 Prototype of the short-period superconducting undulator with neutral poles: test results

Speaker
Nikolay Mezentsev

4LP1-16 Construction and cold test of the superferric octupole for the LHC Luminosity upgrade

Speaker
Marco Statera

4LP1-17 Assembly and test of the Nb₃Sn dipole magnet FRESCA2

Speaker
Paolo Ferracin

12:15