

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 4LP5 - Other Large Size Application

Geneva, CIG

Thursday 21 September

10:15

Poster : 4LP5 - Other Large Size Application

Poster Session | Location: Geneva, CIG

4LP5-03 Enhancement of Magnetic Field Sensing Accuracy by Using High-Temperature Superconductor Shields in Multilayer Planar Configuration

Speaker

Jozef Kvitkovic

4LP5-04 Manufacturing of coil formers by integral open-die forging and CNC ring rolling process

Speaker

Manuel Spielhofer

4LP5-05 Manufacture technology of the 9.4 T whole-body MRI superconducting coils

Speaker

Lei Wang

4LP5-06 Development of a 9.4T Whole-body MRI Superconducting Magnet

Speaker

Lankai Li

4LP5-07 Modelling and Testing of MgB₂ Segmented Coils and Persistent joints for MgB₂ Magnets

Speaker

Mike Sumption

4LP5-08 Stress induced magnetic field in-homogeneity in a 1.5T superconducting MRI magnet

Speaker

Sankar Ram Thekkethil

4LP5-09 Design of superconducting external interference Screening (EIS) coils for 1.5T MRI Magnet

Speaker

Mukesh Kumar

4LP5-10 Stress Analysis Of Cryogenic Suspension System Of Superconducting Mri Magnet Cryostat

Speaker

Navneet Kumar Suman

4LP5-11 Reduction methods of screening currents in REBCO multiple coils based on transport-current control

Speaker

Yuichi Ozone

4LP5-12 Quench Analysis Of A Whole-Body 1.5 T Superconducting MRI Magnet

Speaker
Vijay Soni

4LP5-13 Numerical Analysis of Eddy Current Forces in the Thermal Shield of a Superconducting Magnet during Quench Events

Speaker
Qiuliang Wang

4LP5-16 Flux expulsion/pinning study in large grain SRF cavities with different impurity

Speaker
Pashupati Dhakal

4LP5-17 Performance Testing of Superconducting RF cavities at CERN in the post construction era of the LHC

Speaker
Alick Macpherson

4LP5-18 Commissioning of IPN Orsay Vacuum furnace and first successful Heat treatment of SRF bulk Nb cavities

Speaker
Mohammed Fouaidy

4LP5-19 Towards Optimization of Centrifugal Barrel Polishing Procedure for Treatment of Niobium Cavities

Speaker
Alena Prudnikava

4LP5-20 Multi-physics Computation and Testing on Pre-Tuning of a Prototype of 1.5-GHz SRF Cavity

Speaker
Chih-Hung Lo

4LP5-21 ReBCO coated conductors for the future circular hadron collider beam screen

Speaker
Joffre Gutierrez

4LP5-22 Summary of low temperature nitrogen doping study on SRF cavities

Speaker
Pashupati Dhakal

4LP5-23 Characteristics analysis in Resonance coil applied to Superconducting Wireless Power Transfer

Speaker
In-Sung Jeong

4LP5-24 ORE SEPARATOR MADE OF HIGH-TEMPERATURE SUPERCONDUCTORS YBCO

Speaker
Jiangdi Fan