

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 1MP1 - Strain and Irradiation

Geneva, CIG

Monday 18 September

13:30

Poster : 1MP1 - Strain and Irradiation

Poster Session | Location: Geneva, CICC

1MP1-01 Microstructure and mechanical properties of high manganese steel processed by cold working and aging at 4.2K

Speaker

Yi Shi

1MP1-02 Effects of rolling deformation on the critical current under transverse stress of PIT Nb₃Sn wires

Speaker

Luc Gamperle

1MP1-03 X-ray Stress Measurement of CrN coated Practical Nb₃Sn Superconducting Wire

Speaker

Shutaro Machiya

1MP1-04 Characterization of irreversible degradation of Nb₃Sn Rutherford cables due to transversal compression stress at room temperature

Speaker

Patrick Ebermann

1MP1-05 Axial tensile stress-strain characteristics of WST high J_c Nb₃Sn strands

Speaker

Huajun Liu

1MP1-06 E-WASP, a facility to test strain, temperature, magnetic field and current effects on superconducting samples

Speaker

Luigi Muzzi

1MP1-07 Prediction of Strain Degradation in Superconducting Accelerator Magnets Nb₃Sn Coils Using Exponential Scaling Laws

Speaker

Giorgio Vallone

1MP1-09 Influence of the microstructure on the pinning force scaling behavior of Nb₃Sn wires

Speaker

Thomas Baumgartner

1MP1-10 Fast neutron irradiation on K doped Ba-122 Single Crystals

Speaker

Daniel Kagerbauer

1MP1-11 Effects of proton irradiation on the vortex dynamics of Fe(Se,Te) thin films

Speaker
Valeria Braccini

1MP1-12 Numerical simulation of die compaction of Mg and B powder mixture using pressure-dependent constitutive model

Speaker
Young-Seok Oh

1MP1-13 Improvement of the tensile and bending stress tolerance on MgB₂ wire made by In-situ method

Speaker
Hideki Tanaka

15:30