

Session Program

17-21 Sept 2017



EUCAS 2017

***Poster : 3MP5 - Magnetization and Trapped Field
+ AC Losses 2/2***

Geneva, CIG

Wednesday 20 September

13:30

Poster : 3MP5 - Magnetization and Trapped Field + AC Losses 2/2

Poster Session | Location: Geneva, CIG

3MP5-01 Model for the response of superconducting/ferromagnetic structures subjected to crossed fields

Speaker

Benoit Vanderheyden

3MP5-02 Waveform control pulse magnetization for HTS bulk with flux jump

Speaker

Tetsuya Ida

3MP5-03 Creep and relaxation phenomena in a long MgB2 tube subjected to transversal magnetic field, at 4.2 K

Speaker

Giovanni Giunchi

3MP5-04 Magnetic shielding properties of superconducting and superconducting/ferromagnetic superimposed systems

Speaker

Laura Gozzellino

3MP5-05 Magnetic shielding at 1 T: achievements of machinable MgB2

Speaker

Laura Gozzellino

3MP5-07 Flux jump assisted pulsed field magnetisation in a portable magnet system

Speaker

Difan Zhou

3MP5-08 Three-dimensional modelling and experiments of cross-field demagnetization in cubic bulks

Speaker

Milan Kapolka

3MP5-09 Three-dimensional numerical modeling of a superconducting cube: benchmarking confirms non-rectangular current paths

Speaker

Francesco Grilli

3MP5-10 Pulse Magnetization of Jointless Superconducting Loops for Magnetic Bearings Height Control

Speaker

Rubens de Andrade Junior

3MP5-11 Dependence of the trapped magnetic flux density of YBCO pellets on mechanical stress

Speaker
Bruno Douine

3MP5-12 Demagnetisation study of pulse-field magnetised superconducting bulks

Speaker
Jan Srpčič

3MP5-13 Modifying the Pulsed-Field-Magnetization Technique for HTS Bulks in Electrical machines and Without Magnetic Field Sensors

Speaker
João Arnoud

3MP5-14 Inverse B-J models for determining current distributions in magnetised bulk superconductors

Speaker
Fernando Perez

3MP5-15 AC losses in MgB₂ wires and tapes in frequencies up to 18 kHz

Speaker
Yasha Nikulshin

3MP5-16 Measurement and Analysis of the Dynamic Effects in an HTS Dipole Magnet

Speaker
Carlo Petrone

15:30