

Session Program

17-21 Sept 2017



EUCAS 2017

***Poster : 1MP5 - Magnetization and Trapped Field
+ AC Losses 1/2***

Geneva, CIG

Monday 18 September

13:30

Poster : 1MP5 - Magnetization and Trapped Field + AC Losses 1/2

Poster Session | Location: Geneva, CIG

1MP5-01 Magnetic study of the low temperature anomalies in the optimally doped PrBCO compound

Speaker

Mahieddine Lahoubi

1MP5-02 Electromagnetic field analysis of a twisted superconducting strip with sweeping magnetic field

Speaker

Yoichi Higashi

1MP5-04 Magnetic Measurements of the Critical Current Density in HTS Tapes in the Field Range up to 30T with self-field corrections.

Speaker

Andrew Smith

1MP5-05 Accurate Loss Estimation of Coated Conductors in External Magnetic Fields: Dynamic Loss and Magnetisation Loss

Speaker

Quan Li

1MP5-06 Magnetization of YBCO film with ac travelling magnetic waves of relatively short wavelengths

Speaker

Wei Wang

1MP5-07 Magnetization Loss Characteristics of a Pancake Coil Fabricated by GdBCO Tape in kHz Frequency Band

Speaker

Ryota Inoue

1MP5-08 Theoretical evaluation of the screening-current-induced field in HTS coils with tape wires

Speaker

Yasunori Mawatari

1MP5-09 AC Loss Analysis of High Temperature Superconducting Conductors on Round Core

Speaker

Seyeon Lee

1MP5-10 Measurements and numerical modelling of magnetization loops in two level undercut-profile substrate-based filamentary coated conductors

Speaker

Andrea Insinga

1MP5-11 Magnetization AC losses in flat Al sheathed MgB2 cables

Speaker

Ján Kováč

1MP5-12 Magnetization profiles of AC type-II superconducting wires subject to constant sources of magnetic field

Speaker

Harold Steven Ruiz

1MP5-14 Electromagnetic response of DC type-II superconducting wires under oscillating magnetic excitations

Speaker

Bright Chimezie Robert

1MP5-15 Numerical Analysis of AC Losses in YBCO Conductors Carrying AC Transport Current with Defect under AC Magnetic Field

Speaker

Wei Chen

15:30