

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 1LP4 - Levitation, transportation and propulsion

Geneva, CIG

Monday 18 September

13:30

Poster : 1LP4 - Levitation, transportation and propulsion

Poster Session | Location: Geneva, CIGG

1LP4-01 The measurement and modeling of the levitation force between single grain YBCO bulk superconductors and permanent magnets

Speaker

Antonio Morandi

1LP4-02 Comparative analysis of the specific characteristics of the magnetic bearings with HTS elements

Speaker

Ekaterina Kurbatova

1LP4-04 Bulk superconductor levitation devices: Advances in and prospects for development

Speaker

Uta Floegel-Delor

1LP4-05 Increase of levitation properties owing to high magnetic field in magnetic levitation system with magnetic shielding effect of HTS bulks

Speaker

Naohiro Negishi

1LP4-06 Thermal characteristics of a 400mm diameter levitating rotor in a superconducting magnetic bearing operating below at 10K for a CMB polarization experiment

Speaker

Yuki Sakurai

1LP4-07 Simulation of magnetization and heating processes in HTS tapes stacks

Speaker

Irina Anishchenko

1LP4-08 Prototype of a Rings based zero-field-cooled (ZFC) YBCO magnetic bearing

Speaker

António Arsénio

1LP4-09 Fabrications and Cooling Tests on Conduction Cooled HTS Coils with Heat Pipes

Speaker

Jun Tokushige

1LP4-10 Influence of magnetic field configuration on levitation force for HTS tapes stack

Speaker

Dmitry Abin

1LP4-12 The levitation force of CC-tapes stack at different temperatures.

Speaker
Maxim Osipov

1LP4-13 Effect of Anisotropic Magnetization of HTS Bulk superconductors with Different Shapes on Suspension Rotational Loss

Speaker
Wenjiang Yang

1LP4-15 High-Tc Superconducting Maglev Prototype Vehicle Running at a 160 km/h in an Evacuated Circular Test Track

Speaker
Yong Zhao

15:30