

Session Program

17-21 Sept 2017



EUCAS 2017

Poster : 3LP5 - Levitation, transportation and propulsion

Geneva, CIG

Wednesday 20 September

13:30

Poster : 3LP5 - Levitation, transportation and propulsion

Poster Session | Location: Geneva, CIG

3LP5-01 Comparison of levitation forces between a permanent and a switchable magnetic track of the SupraTrans2 levitation system

Speaker

Tilo Espenhahn

3LP5-02 Mechanical vibration test of a REBCO coil designed for application to the maglev

Speaker

Katsutoshi Mizuno

3LP5-04 Research on HTS magnetic levitation bearing for submerged cryogenic disk motor-pump

Speaker

Liwang Ai

3LP5-05 Ripple field effects on the no-insulation rotor windings of high temperature superconductor machines used in all electrical aircraft.

Speaker

Yawei Wang

3LP5-06 Experimental Study on the Magnetization Losses of Tri-axial CORC Cable used in All-Electric Aircraft

Speaker

Yawei Wang

3LP5-07 Study of magnetic stiffness and effect on running stability in high speed train propelled by superconducting linear synchronous motor

Speaker

Jinho Lee

3LP5-08 The Critic Liquid-gas Phase Transition between Liquid Nitrogen and YBCO HTS bulks: from FEM Modeling to Its Experimental Study for ZFC Levitation Devices

Speaker

Paulo Branco

3LP5-10 Numerical modelling of Superconducting network in an All-Electric Aircraft

Speaker

Sriharsha Venuturumilli

3LP5-11 Wireless Power Charging Characteristics between Copper Antenna and HTS Receiver Module under Strong Levitation Field in Superconducting MAGLEV Train

Speaker

Je Yull Lee

3LP5-12 Analysis of the motion of a body in the linear HTS suspension along a curvilinear trajectory

Speaker

Pavel Kurbatov

3LP5-17 An Electromagnetic Turnout of Halbach-type PMG for Superconducting Maglev

Speaker

Yanxing Li

3LP5-18 Analysis of conducted emissions in high power superconducting electrical propulsion system

Speaker

Xiaojian Li

3LP5-19 A Design Method of HTS Bulks Array for Decreasing Rotation Loss in a Superconducting Maglev Micro-thrust Stand

Speaker

Ye Mao

15:30