



# MT27, 27th International Conference on Magnet Technology

## Thursday, 18 November 2021

### THU-PO3-511 Maglev and Levitation III (10:00 - 12:00)

[id] title	presenter	board
[1040] Dynamic characteristics of a fully HTS magnetic bearing under harmonic excitation	YE, Changqing	
[994] Suspension Force Analysis on 4-pole Radial Hybrid Magnetic Bearing with Independent Magnetic Circuits	WANG, Zixin	
[979] Research on universal mathematical model and design method of homopolar hybrid magnetic bearing	WANG, Zixin	
[874] Study of Rotational Stability in the HTS Magnetic Bearing Rotor Incorporated the Secondary of the Induction Motor	MINAMITANI, Marin	
[856] An adaptive control strategy of electromagnetic bearing for flywheel energy storage based on online parameters identification	GUO, Wenyong	
[685] Vibration Characteristics of HTS Maglev System Levitated Above a Halbach Permanent Magnet Track	Mr REN, Tianci	
[633] Dynamics of magnetic flux during CC-tapes local magnetization	ANASTASIYA, Diadechko	
[779] Experimental Research on the Translational Characteristics of High Temperature Superconducting Translational System	Mr ZHAO, Peng	
[975] Comprehensive performance evaluations on three kinds of radial hybrid magnetic bearings	Mr XIAN, Xin	
[982] Optimization of the Levitation Performance for the Fully-Superconducting Magnetic Bearing	HAIYANG, Yu	
[985] Electromagnetic performance comparison between heteropolar and homopolar six-pole hybrid magnetic bearings	ZHI, Tonghai	
[1019] Levitation force enhancement of a magnetic bearing using the stator of hybrid superconducting magnet	XIAO, Ling	
[1020] Rail magnets arrangement for improving stability of a superconducting transport system	FUTAMURA, Muneo	