



# MT26 Abstracts, Timetable and Presentations

## Thursday, 26 September 2019

### Thu-Mo-Po4.13 - Levitation and Magnetic Bearings III - Level 3 Posters (08:45 - 10:45)

-Conveners: Toru Ogitsu; Nikolay Bykovskiy

[id] title	presenter	board
[1080] Thu-Mo-Po4.13-11 [106]: A new design and exciting for HTS superconducting magnet of Maglev	PAN, Yunhao	
[1453] Thu-Mo-Po4.13-09 [104]: Levitation and guidance force for the system of coated conductor stacks and permanent magnets in a wide temperature range.	OSIPOV, Maxim	
[1001] Thu-Mo-Po4.13-12 [107]: Investigation of the Levitation Force of High Temperature Superconducting Coils using Wind-and-Flip Method	Mr WANG, Zihao	
[1319] Thu-Mo-Po4.13-06 [101]: 3-D Analysis of High-Tc Superconductor for Magnetic levitation under High-Speed Movement	Dr YE, Changqing MA, Guangtong	
[1247] Thu-Mo-Po4.13-03 [99]: Semi-Analytical Calculation of Levitation and Guidance Forces in a Superconducting EDS Train	Mr CAI, Yao	
[1187] Thu-Mo-Po4.13-02 [98]: Design optimization of a real-scale REBCO magnet with stepped cross-section shape and its application to EDS train	Dr GONG, Tianyong	
[1500] Thu-Mo-Po4.13-08 [103]: Study on the EDS-Maglev System Based on Dynamic Circuit Theory	Dr HU, Daoyu	
[1119] Thu-Mo-Po4.13-01 [97]: Numerical study on dynamic characteristic of HTS Maglev system based on H-formulation with motional electromotive force	Dr YANG, Wenjiao	
[1298] Thu-Mo-Po4.13-04 [100]: Dynamic Response Analysis of Superconducting EDS Train Based on Vehicle/Guideway Coupling Dynamics	Dr YAN, Zhaoying	
[1429] Thu-Mo-Po4.13-07 [102]: Numerical study and optimization for a prototype EDS maglev system	LI, Xiao-Fen	
[1447] Thu-Mo-Po4.13-10 [105]: Vertical Dynamic Responses of the HTS Maglev System Under Track Random Irregularity	Mr WANG, Li	