

Session Program

22-27 Sept 2019



MT 26
International Conference
on Magnet Technology
Vancouver, Canada | 2019

MT26 Abstracts, Timetable and Presentations

Mon-Af-Po1.15 - Multiphysics Design and Analysis II

Hyatt Regency Hotel Vancouver
655 Burrard Street Vancouver, British Columbia, V6C 2R7 Canada

Sunday 22 September

14:30

Mon-Af-Po1.15 - Multiphysics Design and Analysis II

Poster Session | **Location:** Level 2 Posters 1 | **Conveners:** Prof. Kozo Osamura, William Marshall

Mon-Af-Po1.15-10 [41]: Presentation withdrawn

Mon-Af-Po1.15-01 [34]: PITHIA: An innovative BEM/FEM simulation software for field calculations of accelerator magnets

Speaker

Dr Dimitrios Rodopoulos

Mon-Af-Po1.15-02 [35]: An electric-circuit model on the inter-tape contact resistance and current sharing for REBCO cable and magnet applications

Speaker

Aurora Cecilia Araujo Martinez

Mon-Af-Po1.15-03 [36]: Magnetic Properties Measurement and Analysis of High Frequency Core Material Considering Temperature Effect

Speaker

Yongjian Li

Mon-Af-Po1.15-04 [37]: Numerical Analysis of a fully HTS Magnetic Bearing Under High-speed Operation

Speakers

Dr Changqing Ye, Guangtong Ma

Mon-Af-Po1.15-06 [38]: Expansion of the magnetic field in toroidal harmonics and correlations with the current distribution

Speaker

Prof. Marco Breschi

Mon-Af-Po1.15-07 [39]: Numerical investigation on the thermo-electro-mechanical behavior of HTS tapes

Speaker

Prof. Daniela Boso

Mon-Af-Po1.15-08 [40]: Critical Temperature Prediction for a Superconductor: A Bayesian Neural Network Approach

Speakers

Thanh Dung Le, Huu Luong Quach

Mon-Af-Po1.15-11 [42]: The design of transcranial magnetic stimulation thin core coil based on multi-objective optimization

Speaker

Dr Chang Liu

Mon-Af-Po1.15-12 [43]: Design and Quench Analysis Study on a 9 T NbTi Superconducting Magnet for Large Bore EMPS

16:30

Speaker

Jae young Jang