

Session Program

22-27 Sept 2019



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

MT26 Abstracts, Timetable and Presentations

Tue-Mo-Po2.06 - MRI Magnets II

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

Monday 23 September

08:45

Tue-Mo-Po2.06 - MRI Magnets II

Poster Session | **Location:** Level 2 Posters 1 | **Conveners:** Lionel Quettier, Shoichi Yokoyama

Tue-Mo-Po2.06-01 [32]: Several Key Issues in 14 Tesla Whole body MRI Magnet development

Speaker
Chao Dai

Tue-Mo-Po2.06-02 [33]: Magnetic and Finning Force behavior on Nb₃Sn Strands Subjected to Transverse Deformation for 14 T MRI Superconducting Magnet

Speaker
Prof. Shi Yi

Tue-Mo-Po2.06-03 [34]: An optimal design approach for 14T actively shielded magnetic resonance magnets

Speaker
Mr Kaihong Wu

Tue-Mo-Po2.06-04 [35]: Magnet design of a 7 T animal MRI scanner

Speaker
Dr Yaohui Wang

Tue-Mo-Po2.06-05 [36]: FEM modelling of superconducting whole body, actively shielded 7 T MRI segmented coil magnets wound using Nb₃Sn strands

Speaker
Milan Majoros

Tue-Mo-Po2.06-06 [37]: Analysis of Gradient-Induced Eddy Current in a superconducting MRI Magnet

Speaker
Dr Qiuliang Wang

Tue-Mo-Po2.06-07 [38]: An Optimal Target Field Approach for Passive Shimming In Superconducting MRI

Speaker
Dr Qiuliang Wang

Tue-Mo-Po2.06-08 [39]: Design of the Superconducting Main Coils Based on Variable Density Method in MRI

Speaker
Dr Qiuliang Wang

Tue-Mo-Po2.06-09 [40]: On the Accurate Calculating of Coil-tissue Interactions for Ultra-high Field MRI RF Coils Using a Hybrid MoM/FDTD Algorithm

Speaker
Qiuliang Wang

10:45