

Session Program

22-27 Sept 2019



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

MT26 Abstracts, Timetable and Presentations

Tue-Mo-Or9 - MRI Magnets I

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

Tuesday 24 September

10:45

Tue-Mo-Or9 - MRI Magnets I

Session | **Location:** Regency EF | **Conveners:** Michael Parizh, Dr Hitoshi Kitaguchi

10:45–11:30

Tue-Mo-Or9-01 [Invited]: Commissioning completion of the Iseult Whole Body 11.7 T magnet

Speakers

Dr Lionel Quettier, Dr Pierre Vedrine, Thierry Schild

11:30–11:45

Tue-Mo-Or9-02 [Invited]: Development of High Stable Field REBCO Superconducting Magnet for MRI

Speaker

Shoichi Yokoyama

11:45–12:00

Tue-Mo-Or9-03: Development of quench tolerant epoxy impregnated REBCO coils for an HTS MRI magnet

Speaker

Mr Konstantinos Bouloukakis

12:00–12:15

Tue-Mo-Or9-04: Magnetic, mechanical and thermal modeling of superconducting, whole-body, actively shielded, 3 T MRI magnets wound using MgB₂ strands for liquid cryogen free operation

Speaker

Prof. Mike Sumption

12:15–12:30

Tue-Mo-Or9-05: A Tabletop, Liquid Helium-Free, Persistent-Mode 1.5-T MgB₂ “Finger” MRI Magnet: Test of a Half-Scale MRI-Quality Magnet

Speaker

Dr Dongkeun Park

12:30–12:45

Tue-Mo-Or9-06: Ultra-compact MRI System with High Temperature Superconducting Magnet

Speaker

Dr Timothy Coombs

12:45