

Session Program

22-27 Sept 2019



MT 26
International Conference
on Magnet Technology

Vancouver, Canada | 2019

MT26 Abstracts, Timetable and Presentations

Thu-Af-Or24 - Diagnostics and Test Results of Coils

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

Wednesday 25 September

16:30

Thu-Af-Or24 - Diagnostics and Test Results of Coils

Session | **Location:** Regency EF | **Conveners:** Michael Parizh, Emanuela Barzi

16:30-17:00

Thu-Af-Or24-01: Diagnostics and control of superconducting magnets using diffuse field ultrasound

Speaker

Maxim Marchevsky

17:00-17:15

Thu-Af-Or24-02: Magnet diagnostic utilizing stray capacitance monitoring on a 2 m long CCT coil

Speaker

Emmanuele Ravaioli

17:15-17:30

Thu-Af-Or24-03: Novel Characterization Technique to Visualize Local Defects in a REBCO Pancake Coil Winding

Speaker

Takanobu Kiss

17:30-17:45

Thu-Af-Or24-04: "Thermal Eraser" to Mitigate Screening Current by Optimal Control on Temperature in an HTS Pancake Coil

Speaker

Jeseok Bang

17:45-18:00

Thu-Af-Or24-05: 25 K performance of conduction-cooled solenoids wound from exfoliated filament YBCO cables

Speaker

Dr Vyacheslav Solovyov

18:00-18:15

Thu-Af-Or24-06: Design and initial test results for a canted-cosine-theta dipole subscale magnet series

Speaker

Diego Arbelaez

18:15-18:30

Thu-Af-Or24-07: Small solenoid made from round HTS superconducting cable

Speaker

Fedor Gömöry

18:30