

## Session Program

22-27 Sept 2019



**MT 26**  
**International Conference  
on Magnet Technology**

*Vancouver, Canada | 2019*

# **MT26 Abstracts, Timetable and Presentations**

## ***Thu-Af-Or20 - Quench Detection and Protection Systems III***

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

# Wednesday 25 September

14:00

## Thu-Af-Or20 - Quench Detection and Protection Systems III

**Session** | **Location:** Regency CD | **Conveners:** Matthias Mentink, Emmanuele Ravaioli

14:00-14:30

### Thu-Af-Or20-01 [Invited]: Quench detection via Rayleigh backscattering interrogated optical fibers

**Speaker**

Dr Sasha Ishmael

14:30-14:45

### Thu-Af-Or20-02: Modeling and Experimental Validation of Quench Protection Concepts for Canted-Cosine-Theta Type High-Field Magnets

**Speaker**

Jiani Gao

14:45-15:00

### Thu-Af-Or20-03: Acoustic sensor array for quench detection of CICC superconducting cables

**Speaker**

Makoto Takayasu

15:00-15:30

### Thu-Af-Or20-04: Quench protection of the 16 T Nb<sub>3</sub>Sn ERMC and RMM magnets

**Speaker**

Emmanuele Ravaioli

15:30-16:00

### Thu-Af-Or20-05: Quench simulations versus experimental observations on the HL-LHC MCBRD canted-cosine-theta short models and prototype magnets

**Speaker**

Matthias Mentink

16:00