

## **Session Program**

**22-27 Sept 2019**



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

## **MT26 Abstracts, Timetable and Presentations**

### ***Tue-Af-Po2.19 - Losses in Conductors and Coils II***

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

# Monday 23 September

14:00

## Tue-Af-Po2.19 - Losses in Conductors and Coils II

**Poster Session** | **Location:** Level 2 Posters 1 | **Conveners:** Francesco Grilli, Mike Sumption

**Tue-Af-Po2.19-12 [51]: Reduction of ac loss in HTS coils of superferic magnets for rapid cycling synchrotrons by changing iron yoke geometry**

**Speaker**

Yang Li

**Tue-Af-Po2.19-04 [45]: Presentation withdrawn**

**Tue-Af-Po2.19-01 [42]: Instantaneous AC Loss Measurement of HTS Coil**

**Speaker**

Kai Zhu

**Tue-Af-Po2.19-02 [43]: Experimental investigation on AC loss characteristics under HTS cable electromagnetic conditions**

**Speaker**

Prof. Jun Ogawa

**Tue-Af-Po2.19-03 [44]: Research on Driving Coil with Coupling Cooling Method in Electromagnetic Forming**

**Speaker**

Li Qiu

**Tue-Af-Po2.19-05 [46]: Test Results of Quench-back Management Due to Fast Decaying Current Induced AC Losses in SHMS Superconducting Magnet at Jefferson Lab**

**Speaker**

Dr Eric Sun

**Tue-Af-Po2.19-06 [47]: Calculation of Iron Losses for Soft Magnetic Materials Under Sinusoidal Pulse Width Modulation (SPWM)**

**Speaker**

Mr Htutzaw Hein

**Tue-Af-Po2.19-07 [48]: A Theoretical Investigation on the AC Loss Estimation Method for Fusion Magnet**

**Speaker**

Sangjun Oh

**Tue-Af-Po2.19-08 [49]: Effect of Dynamic Resistance on AC loss in a Conductor-on-round-core Cable**

**Speakers**

Liu Rujing, Yang Wenjiang

**Tue-Af-Po2.19-11 [50]: Self-field AC loss measurement of a four-tape HTS stack using Fiber Bragg Grating sensors**

16:00

**Speaker**

Mr Yanchao Liu