

Session Program

22-27 Sept 2019



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

MT26 Abstracts, Timetable and Presentations

Tue-Mo-Po2.09 - REBCO Wires & Cables I

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

Monday 23 September

08:45

Tue-Mo-Po2.09 - REBCO Wires & Cables I

Poster Session | **Location:** Level 2 Posters 2 | **Conveners:** Prof. Tetsuo Oka, Vitaly Vysotsky

Tue-Mo-Po2.09-01 [63]: Influence of GdBCO stoichiometry on the superconducting properties of industrial 2G HTS wire in magnetic field

Speaker

Pavel Degtyarenko

Tue-Mo-Po2.09-02 [64]: Mechanical properties of BaHfO₃-doped EuBCO coated conductors fabricated by hot-wall PLD on IBAD template

Speaker

Mr Shinji Fujita

Tue-Mo-Po2.09-03 [65]: Design and electromagnetic characteristics study of YBCO cable for fast cycled accelerator magnet applications

Speaker

Zhuoyue Du

Tue-Mo-Po2.09-04 [66]: Determination of the thermal resistance between pressed copper-copper and copper-stainless steel interfaces for high current HTS Cable-in-Conduit Conductors

Speaker

Dr Walter H Fietz

Tue-Mo-Po2.09-05 [67]: Numerical Study on AC Loss of Quasi-isotropic Superconducting Strand in AC Magnetic Fields at Low Temperature

Speaker

Yiran Meng

Tue-Mo-Po2.09-06 [68]: Mechanical and electro-mechanical investigations of assembled HTS CroCo triplets

Speaker

Walter H. Fietz

Tue-Mo-Po2.09-07 [69]: Study on Mechanical properties of Superconducting conductor on Round Core at 77K

Speaker

Ms Wenrong Li

Tue-Mo-Po2.09-08 [70]: Performance Degradation of YBCO Tape with Different Stabilizing Layers under Cyclic Mechanical Stress

Speaker

Dr Ying Xu

Tue-Mo-Po2.09-09 [71]: Performance Degradation of YBCO Tape Under Overcurrent Considering Different Heat Exchange Conditions

Speaker

Guilun Chen

10:45

Tue-Mo-Po2.09-10 [72]: Investigation for Thermal Stability of Quasi-isotropic Superconducting Strand Stacked by 2mm Wide REBCO Tapes With Different Sheaths

Speaker
Ziqiu Liu