

Session Program

22-27 Sept 2019



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

MT26 Abstracts, Timetable and Presentations

Tue-Mo-Or8 - High Tc Wires and Cables I

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

Tuesday 24 September

10:45

Tue-Mo-Or8 - High Tc Wires and Cables I

Session | **Location:** Regency CD | **Conveners:** Venkat Selvamanickam, Drew Hazelton

10:45-11:00

Tue-Mo-Or8-01: Low cost transposed cables for coil windings made with REBCO 2G HTS tapes

Speaker

Dr Alexander Otto

11:00-11:15

Tue-Mo-Or8-02: Recent progress on CORC® cable and wire development for magnet applications

Speaker

Danko van der Laan

11:15-11:30

Tue-Mo-Or8-03: Measurements of the Effect of Compressive Load on the Narrow Side of the HTS Tape

Speaker

Shresht Joshi

11:30-11:45

Tue-Mo-Or8-04: Hoop stress concentration in an HTS tape coil under external magnetic fields

Speaker

Shunji Takahashi

11:45-12:00

Tue-Mo-Or8-05: Effect of thermal mismatch stress and electromagnetic loads on delamination in REBCO coated conductors

Speakers

Dr Peifeng Gao, Prof. Xingzhe Wang

12:00-12:15

Tue-Mo-Or8-06: Bi2223 persistent current coil with superconducting joint fabricated by JIM method

Speaker

Dr Shintetsu Kanazawa

12:15-12:30

Tue-Mo-Or8-07: Superconducting joints between Bi2223/Ag tapes towards persistent current HTS magnets

Speaker

Yasuaki Takeda

12:30-12:45

Tue-Mo-Or8-08: Critical Current - Strain Dependence, $I_c(\epsilon)$, of Solenoids Wound with Bi-2212 Round Wire

12:45

Speaker
Ernesto Bosque