

## **Session Program**

**22-27 Sept 2019**



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

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

### ***Wed-Af-Or15 - Rotating Machines I***

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

## Tuesday 24 September

16:00

### Wed-Af-Or15 - Rotating Machines I

**Session** | **Location:** Regency EF | **Conveners:** Mr Thibault Genestier, Timothy Haugan

16:00–16:15

**Wed-Af-Or15-01: Key electromagnetic characteristics of non-insulation REBCO rotor windings in machines of electrical aircraft: eddy loss and ramping delay.**

**Speaker**

Yawei Wang

16:15–16:30

**Wed-Af-Or15-02: Presentation withdrawn**

16:30–16:45

**Wed-Af-Or15-03: Conceptual design of an HTS motor for future electric propulsion aircrafts**

**Speaker**

Mr Dinh-Vuong Le

16:45–17:00

**Wed-Af-Or15-04: Low loss HTS stator coils for high power density superconducting motors**

**Speaker**

Dr Alexander Otto

17:00–17:15

**Wed-Af-Or15-05: Superconducting magnetic heterostructured components for electric motor applications**

**Speaker**

Dr Vicente Climente-Alarcon

17:15–17:30

**Wed-Af-Or15-06: Rotor Cooling Concept for the ASuMED Superconductive Motor**

**Speaker**

Ana Perez

17:30–17:45

**Wed-Af-Or15-07: Analytical and Experimental Study on a Low-Speed and High-Efficiency 1 kW Class Fully High-Temperature Superconducting Induction/ Synchronous Generator**

**Speaker**

Dr Liangliang Wei

17:45–18:00

**Wed-Af-Or15-08: Superconducting magnetic bearings for a high-speed electric aircraft motor**

**Speaker**

Dr James Storey

18:00