

## **Session Program**

**Nov 15 - 19, 2021**



# **MT27, 27th International Conference on Magnet Technology**

## ***THU-PO3-608 AC Loss in HTS Wires and Cables***

Fukuoka Convention Center

## Thu, November 18

10:00 AM

### THU-PO3-608 AC Loss in HTS Wires and Cables

Poster Session | Location: Fukuoka Convention Center

#### Reduction of AC losses in REBCO split wire and coil without deterioration of critical current

**Speaker**

Shintetsu Kanazawa

#### Study on Screening Current of Like Quasi-isotropic Conductor Based on optimized T-A formulation

**Speaker**

馨丹 响

#### Experimental Evaluation of Current Distribution in Three-Strand Transposed Parallel Conductors Composed of REBCO Superconducting Tapes

**Speaker**

Yuki Omanyuda

#### Conceptual Design and Optimisation of HTS Roebel Tapes

**Speaker**

Luning Hao

#### Influence of Dynamic Resistance on Current Distribution of HTS Cable Conductor for Feeder lines and Large Scale Magnet

**Speaker**

Yinshun Wang

#### Dynamic resistance and dynamic loss of the partially coupled quasi-isotropic cable with consideration of the resistance at terminals

**Speaker**

Dr Shuo Li

#### Role of asymmetric critical current on magnetization loss characteristics of REBCO coated conductors at various temperatures

**Speaker**

Yueming Sun

#### Magnetization and Hysteresis Losses in HTS Coated Conductors in Magnetic Field of Various Orientation

**Speaker**

Prof. Igor Rudnev

#### Fabrication of magnetic field shielding film using YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> powder

**Speaker**

Mr Jun-ya Tamaru

#### Evaluation of magnetic properties of REBCO wire by modified SST for cryogenics

12:00 PM

**Speaker**  
Kazuki Kume