

## **Session Program**

**1-6 Jul 2025**



## **MT29 Abstracts and Technical Program**

### ***Fri-Mo-Po.08 - HTS Characterization II***

Omni Boston Hotel at the Seaport  
450 Summer Street Boston, MA 02210

## Friday 4 July

09:30

### Fri-Mo-Po.08 - HTS Characterization II

**Poster Session** | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Yuta Ebara, Charles Simon

#### **Fri-Mo-Po.08-03: Development of Critical Current Measurement Platform for REBCO Tapes with Micro-Bridges Based on High-Frequency Pulse Current Injection**

**Speaker**

Dr Hao Zhang

#### **Fri-Mo-Po.08-02: Defect detection in REBCO layers using machine learning**

**Speaker**

Nandana Menon

#### **Fri-Mo-Po.08-06: Design, fabrication and testing of a 5-T conduction-cooled HTS magnet**

**Speaker**

Yijun Wang

#### **Fri-Mo-Po.08-05: Study on the Feasibility of Using TELENE® Resin for HTS Superconducting Magnets**

**Speaker**

Daniele Turrioni

#### **Fri-Mo-Po.08-04: Critical current measurement by torque magnetometry for the 40 T superconducting magnet project**

**Speaker**

Mr Jeremy Levitan

#### **Fri-Mo-Po.08-01: HTS tapes for very High Field Magnets: Performance specification, Characterisation and Uses**

**Speaker**

Quentin Nouailhetas

#### **Fri-Mo-Po.08-07: Characterization of Critical Currents and Validation of REBCO Tapes with Micro-bridges Using Pulsed Current Measurements**

**Speaker**

Qi Yuan

11:15