

## Session Program

1-6 Jul 2025



## MT29 Abstracts and Technical Program

### ***Wed-Mo-Po.12 - Diodes, Flux Pumps, and Switches***

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

## Wednesday 2 July

09:15

### Wed-Mo-Po.12 - Diodes, Flux Pumps, and Switches

**Poster Session** | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Anis Ben Yahia, Shannon Griffin

#### **Wed-Mo-Po.12-04: Optimizing Operating Frequency for Charging No-Insulated HTS Magnets Using Transformer-Rectifier Flux Pumps**

**Speaker**

Zhipeng Huang

#### **Wed-Mo-Po.12-02: Charging HTS magnet by REBCO superconducting diode bridge : Small-scale proof of concept**

**Speaker**

Arnaud Badel

#### **Wed-Mo-Po.12-01: A HTS-based Diode for powering superconducting magnets**

**Speaker**

Jasper Van Der Werf

#### **Wed-Mo-Po.12-05: Development of Inductive Wireless Charging Systems for HTS Magnet Applications**

**Speaker**

Mr Jiyoung Yoon

11:15