

## Session Program

1-6 Jul 2025



## MT29 Abstracts and Technical Program

### ***Fri-Af-Po.07 - High Field Pulsed Magnets II***

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

## Friday 4 July

14:00

### Fri-Af-Po.07 - High Field Pulsed Magnets II

**Poster Session** | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Luigi Reccia, Yuhu Zhai

#### **Fri-Af-Po.07-01: Optimizing Electromagnetic Force Distribution in Tube Forming: A Novel Magnet Design for Convex Field Shaper**

**Speaker**

Zihao Shao

#### **Fri-Af-Po.07-02: Miniature split-pair coil for x-ray measurements at the European X-Ray Free-Electron Laser Facility**

**Speaker**

Dr James Moore

#### **Fri-Af-Po.07-03: Development of Pulsed Vector Magnet at the Wuhan National High Magnetic Field Center**

**Speaker**

Shuang Wang

#### **Fri-Af-Po.07-04: A Structural Calculation Method for Pulsed High-field Magnets Considering the Deviation of Axial Strain**

**Speaker**

Wenzhe Li

#### **Fri-Af-Po.07-05: Research on the application of digital twin technology for the pulsed high magnetic field facility**

**Speaker**

Dr Shaozhe Zhang

#### **Fri-Af-Po.07-06: Development of magnet health monitor systems using optical fiber strain sensors**

**Speaker**

Scott Betts

16:00