

## Session Program

1-6 Jul 2025



## MT29 Abstracts and Technical Program

### *Fri-Mo-Po.07 - Accelerator Magnets III*

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

## Friday 4 July

09:30

### Fri-Mo-Po.07 - Accelerator Magnets III

Poster Session | Location: Quench in Fusion Magnets II | Conveners: Charles Simon, Yuta Ebara

#### Fri-Mo-Po.07-09: Optimization of a 123-mm Aperture Nb3Sn Dipole Coil with Stress Management

**Speaker**

Igor Novitski

#### Fri-Mo-Po.07-08: Coil Manufacturing of R2D2, the Research Racetrack Dipole Demonstrator

**Speaker**

Dr Francoise Rondeaux

#### Fri-Mo-Po.07-07: The design of an analytical magnet

**Speaker**

Bolei Jia

#### Fri-Mo-Po.07-05: Mechanical Design of the PIP-II ORBUMP Pulsed Dipole Magnet

**Speaker**

Benjamin Szabo

#### Fri-Mo-Po.07-04: Development of a 270-degree achromatic bending magnet suitable for proton beamline

**Speaker**

Zongtai Xie

#### Fri-Mo-Po.07-03: Design of the main magnet of a 300MeV separated sector cyclotron

**Speaker**

Shenglong Wang

#### Fri-Mo-Po.07-01: Design and Simulation Analysis of a 5T Conduction-Cooled Magnet for the Quantum Materials Resonant Scattering Experimental Station

**Speaker**

Mr Pengcheng Huang

#### Fri-Mo-Po.07-06: A two-dimensional non-linear magnetic equivalent circuit model to facilitate the preliminary design of a normal conducting quadrupole

**Speaker**

Harshita Singh

11:15