

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Fri-Af-Po.11 - Experiments and Test for Fusion Magnets

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

Friday 4 July

14:00

Fri-Af-Po.11 - Experiments and Test for Fusion Magnets

Poster Session | **Location:** Ensemble Ballroom, Level 2

Fri-Af-Po.11-06: Paschenization and testing of the SPARC Central Solenoid Model Coil

Speaker

Annie Hughes

Fri-Af-Po.11-01: Characterizing Mechanical and Thermal Effects of Solder Voids in Stacked-tape HTC Coils and Cables for Fusion

Speaker

Peter S. Moore

Fri-Af-Po.11-02: A low AC loss, fast ramp HTS solenoid prototype for compact spherical tokamaks

Speaker

Yuhu Zhai

Fri-Af-Po.11-03: Development of 15T DC magnet for SUPER-X test facility

Speaker

Houxiang Han

Fri-Af-Po.11-04: Development of a Novel High Temperature Superconducting Compact D-shaped magnet for Tokamak

Speaker

Mahesh Ghatge

Fri-Af-Po.11-05: Quality control and cryogenic testing of complete HTS coil set for Demo4 magnet

Speaker

Alex Davies

Fri-Af-Po.11-07: Development of Paschen-tight Insulation Repair for Complex Geometries for the ITER CS Modules

Speaker

Bryce Fledderman

16:00