

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Wed-Mo-Or1 - Future Fusion Devices: Tokamaks

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

Wednesday 2 July

11:15

Wed-Mo-Or1 - Future Fusion Devices: Tokamaks

Session | **Location:** Momentum ABC | **Conveners:** Neil Mitchell, Lorenzo Giannini

11:15-11:30

Wed-Mo-Or1-01: Rapid Iteration of HTS Magnet Technologies for Levitated Dipole Systems

Speaker

Dr Sriharsha Venuturumilli

11:30-11:45

Wed-Mo-Or1-02: Overview and Assembly Strategy of the VNS Magnet System: Innovations and Challenges

Speaker

Lorenzo Giannini

11:45-12:00

Wed-Mo-Or1-03: The STEP magnetic cage - latest concept development

Speaker

Dr Alexander Petrov

12:00-12:15

Wed-Mo-Or1-04: Engineering progress of the toroidal field and the central solenoid model coils for the CTRFR-1 spherical tokamak

Speaker

Prof. Yi Tan

12:15-12:45

Wed-Mo-Or1-05: [Invited] Engineering Design and Status of the LTS Magnets for Next Generation Compact Fusion Reactor in China

Speaker

Jinxing Zheng

12:45