

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Wed-Af-Or3 - Wiggler Magnets

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

Wednesday 2 July

16:30

Wed-Af-Or3 - Wiggler Magnets

Session | **Location:** Momentum EFG | **Conveners:** Thomas Nes, Al Zeller

16:30–16:45

Wed-Af-Or3-01: Design and Preliminary Tests of a Short, High-Temperature Superconducting Wiggler for Synchrotron Light Source

Speaker

Lorenzo Bortot

16:45–17:00

Wed-Af-Or3-02: Assembly and Test results of Cryogen-free Conduction Cooled Wavelength Shifter Magnet in Final Cryostat

Speaker

Wonseok Jang

17:00–17:15

Wed-Af-Or3-03: Horizontal winding method for undulator using high-temperature superconductor tapes

Speaker

Ryota Kinjo

17:15–17:30

Wed-Af-Or3-04: Cryogenic Test and High-precision Temperature Regulation of a 50-period bulk HTS undulator

Speaker

Ms Chan Liu

17:30–17:45

Wed-Af-Or3-05: Modeling and experiment result of double staggered-array helical undulator made of stacked RE-Ba-Cu-O tapes

Speaker

Zhuangwei Chen

17:45–18:00

Wed-Af-Or3-06: Characterization and Magnetic Field Optimization of an HTS Undulator Short Model Composed of RE-Ba-Cu-O Bulk Superconductors at 77 K

Speaker

Dabin Wei

18:00