

Session Program

1-6 Jul 2025



MT29 Abstracts and Technical Program

Thu-Af-Po.09 - Single-turn Pulsed Magnets

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

Thursday 3 July

14:00

Thu-Af-Po.09 - Single-turn Pulsed Magnets

Poster Session | **Location:** Ensemble Ballroom, Level 2 | **Conveners:** Joachim Wosnitza, Andrea Zappatore

Thu-Af-Po.09-01: Mechanical and microstructural changes in Cu single-turn coils revealing the effect of high-speed pressurization, deformation and heating during megagauss field generation

Speaker

Mr Simon Tardieu

Thu-Af-Po.09-03: The theoretical modeling for the jitter time of gas switches in single-turn coil discharge system

Speaker

ZhiWei Kang

Thu-Af-Po.09-04: Three-dimensional finite element analysis of damage and destruction of single-turn coil

Speaker

Wenbo Yang

Thu-Af-Po.09-05: Electric field distribution properties and breakdown analysis of single-turn coil

Speaker

Ning Wang

16:00