

Second Circular: QuESt 2026

We warmly invite researchers and experts to register for the International Workshop on Quantum Entanglement Studies in Nuclear and Particle Physics (QuESt 2026), to be held at Fudan University, Shanghai, from October 24 to 26, 2026.

The workshop will bring together researchers in nuclear and particle physics to discuss recent theoretical and experimental advances and explore new opportunities arising from quantum entanglement in nuclear structure, reactions, decays, and high-energy particle interactions.

We welcome all interested colleagues to register via the workshop website. Experts who would like to give a presentation are kindly requested to submit their proposed talk titles as early as possible to facilitate preparation of the scientific program. We look forward to your participation and contributions.

Key Details

- Dates: October 24–26, 2026
- Registration: October 24, 2026
- Academic Schedule: October 25–26, 2026
- Location: Fudan University (Jiangwan Campus, 2005 Songhu Road), Shanghai
- Website: https://napp.fudan.edu.cn/event/526/
- Accommodation: Fraser Place Hotel (1258 Yinhang Road, Yangpu District, Shanghai)

Workshop Topics

- Nuclear structure, continuum coupling, and quantum entanglement in many-body systems
- Generation, evolution, and detection of entanglement in nuclear reactions, scattering, and decay processes
- Spin, flavor, and momentum entanglement in particle physics and high-energy collisions, and their observable signatures
- Bell nonlocality, quantum-state tomography, and applications of quantum information methods in nuclear and particle physics experiments

Local Organizing Committee

- Yugang Ma
- Dong Bai
- Simin Wang
- Tao Luo