

# Particles and Nuclei International Conference 2017 (PANIC2017)

Friday, September 1, 2017 – Tuesday, September 5, 2017

China National Convention Center

## Scientific Program

- 1) Hot and dense matter physics (QGP and heavy ion collision)
- 2) Hadron spectroscopy and exotics
- 3) Neutrino physics
- 4) Dark matter and cosmology
- 5) Nuclear and particle astrophysics
- 6) Standard model physics at the TeV scale
- 7) Energy frontier physics beyond the standard model
- 8) Flavor physics - CKM and beyond
- 9) Tests of symmetries and conservation laws
- 10) Hadrons in medium - hyperons and mesons in nuclear matter
- 11) Development of accelerators and detectors

## 12) Applications of nuclear particle physics technology