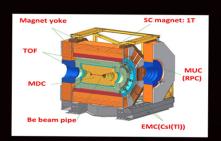
## **BESIII Experiment**



BESIII: a large solid-angle magnetic spectrometer at Beijing Electron-Positron Collider (BEPC) for studies of Tau-charm physics.

MDC: small-celled, helium-based, 43 layers, wire reso: 135 m, dE/dx reso: 6%

EMC: CsI (Tl) crystals arranged in barrel and two endcaps., 2.5%@1GeV for barrel

TOF: two layers with plastic scintillators, 80ps for barrel TOF

MUC: RPC arranged in 9 layers in the barrel and

BESIII started physics run in 2009. Totally about 100M psi' and 200M J/psi events have been collected. BESIII is running for psi (3770) data taking now. Fruitful physics results are coming on the searches of the glueballs, hybrids and multi-quark states, the systematic study of the light hadron spectroscopy, the study of the charmonium production and decays and the precise measurement of CKM matrix elements.

