

International Symposium on Ten Years of the Insight-HXMT Mission

Monday, 14 June 2027 - Friday, 18 June 2027

IHEP, CAS, Beijing, China.

Scientific Programme

Conference Topics

1, Black hole X-ray binaries (1 day)

Accretion physics and outburst evolution

Outflow and jet

Time variability and QPO puzzle

Black hole spin and mass

2, Neutron star systems (1 day)

Outburst of NS X-ray binaries and strong magnetic field physics

Accretion environment probed with thermonuclear bursts

Isolated pulsars and magnetars

Applications with NS observations (Navigation and earth atmosphere)

3, Extremely violent events: (0.5 day)

Gamma-ray bursts: prompt emission, afterglows, and central engines

Fast radio bursts and their multi-wavelength counterparts

Other extremely violent events (GW , TGF, Solar flares, etc.)

4, Insight-HXMT and Multi-Messenger Synergies (0.5 day)

Joint observing strategies: Insight-HXMT, SVOM, GECAM, and Einstein Probe

Constellation with its next-generation □ Insight-HXMT + eXTP