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Two flagship high energy astrophysics missions: HERD onboard the China space station and eXTP observatory

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In this talk I will briefly introduce two flagship high energy astrophysics missions: HERD onboard the China space station and eXTP observatory. HERD is a large cosmic-ray experiment developed by a Sino-European consortium onboard China's Space Station for operation around 2027, with unprecedented acceptance and energy range for direct measurements of cosmic-rays and electrons, as well as a very large field of view for gamma-ray sky monitoring in space. eXTP is a large X-ray observatory developed by a large Sino-European consortium for launch around 2029, carrying large arrays of X-ray timing, spectroscopy and polarimetry telescopes, as well as a wide field monitor.

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