

Vulcano Workshop 2014 - Frontier Objects in Astrophysics and Particle Physics



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China's Programs of Astroparticle Physics in Space

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In this talk, I will summarize China's programs of astroparticle physics in space. The approved missions are the Hard X-ray Modulation Telescope (HXMT) satellite mission for launch in 2015, the dedicated gamma-ray burst polarization experiment POLAR on China's spacelab for launch in 2015, the multiwavelength gamma-ray burst satellite mission SVOM for launch before 2020. Two missions under study and R&D will also be presented: the X-ray Timing and Polarization (XTP) observatory planned for launch around 2020 and the High Energy cosmic-Radiation Detection (HERD) facility onboard China's spacestation for launch around 2020.

Primary author: ZHANG, Shuang-Nan (Institute of High Energy Physics)

Presenter: ZHANG, Shuang-Nan (Institute of High Energy Physics)

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