

From the Lone Pioneer "Insight-HXMT" to the Satellite Constellation "CATCH"

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As China's first X-ray astronomy satellite, Insight-HXMT has been successfully operating in orbit for over seven years since its launch in 2017, producing substantial findings in the study of compact objects. As a next-generation space mission, CATCH will utilize the collaborative capabilities of a multi-satellite constellation, presenting significant scientific potential in exploring the dynamic universe. This talk will highlight the scientific contributions of Insight-HXMT and provide an overview of the CATCH constellation.

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