Overview of the high energy Japanese space program

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Abstract

Recent Japanese high-energy space science program is centered on the XRISM mission. It is equipped with a micro-calorimeter Resolve providing unprecedented X-ray spectroscopy especially around the Fe-K line complex, and a wide-field-of-view X-ray CCD Xtend. Next generation of Japan-led, and Japan-involved high energy mission plan includes, COSI, HiZ-GUNDAM, PhoENiX, ExCEED, HEROIX and others. Some ambitious micro-satellite missions, and balloon based technology developments are also on-going.

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