



# X-RAY ASTRONOMY 2019

*Current Challenges and New Frontiers in the Next Decade*

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## **XRISM: mission status**

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X-Ray Imaging and Spectroscopy Mission (XRISM) is the mission to resume high resolution X-ray spectroscopy with imaging once realized but unexpectedly terminated by a mishap of Hitomi. This innovative, JAXA-led international project being developed in collaboration with NASA, ESA, and other world wide partners, focuses on large scale flows of energy and matter in the universe with the high-resolution X-ray spectroscopy. XRISM carries a 6 x 6 pixelized X-ray micro-calorimeter array on the focal plane of an X-ray mirror assembly, and an aligned X-ray CCD camera covering the same energy band and a wider field of view. This paper introduces science objectives, and the project status of XARM.

### **Topic**

Future missions

### **Affiliation**

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