T03a XRISM observations of the merger cluster A2319

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Abell2319 is the fifth brightest X-ray cluster in the Universe. It is one of the non-cool core cluster, and the temperature of the ICM exceed 8 keV. In the cluster, there are two subgroups moving with a velocity difference of $\sim 3000 \,\mathrm{km/s}$ from each other. In addition, the cluster has a giant radio halo and a large scale cold front, indicating that the cluster is an ongoing merging system. The cold front is thought to be caused by sloshing.

XRISM is expected to reveal the gas motion in galaxy clusters with velocities of a few 100 km/s. Abell2319 has been observed by XRISM during its commissioning period totally about ~ 145 ks at the inner cold front region for *Resolve*. According to the *Resolve* observation, the turbulent motion of the ICM was ~ 250 km/s. Xtend has observed the entire cluster. In this talk, we present the initial results of our XRISM observations. We would like to discuss the relation between the gas motion and the cold front.