

Contributed Talk

Splinter eROSITA

RESULTS FROM CURRENT X-RAY SELECTED GALAXY CLUSTER
SAMPLES AND WAY FORWARD TO eROSITA COSMOLOGY

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The latest results from detailed X-ray follow-up observations of large X-ray selected galaxy cluster samples are presented. A reanalysis of the ROSAT All-Sky Survey with a source detection method optimized for very extended sources is discussed. A new test to study the cosmological isotropy of the cluster population is introduced. An outlook on expected cosmological constraints from eROSITA, in particular on neutrino masses, is given.