



X-RAY ASTRONOMY 2019

Current Challenges and New Frontiers in the Next Decade

8-13 September 2019
CNR/INAF Research Area, Bologna, Italy

Contribution ID: 151

Type: **Poster**

What is the metal content of the Intra-Cluster Medium?

We make use of the XCOP sample to address two fundamental and unanswered questions: 1) What is the metal content of the Intra-Cluster Medium? 2) Is the metal content of the ICM consistent with that expected from the stellar population? We do this with XCOP, a very large program (VLP) on XMM-Newton designed to characterize a sample of 12 Massive Clusters out to large radii.

Topic

Hot and diffuse baryons

Affiliation

IASF-Milano/INAF

Primary author: GHIZZARDI, Simona (Istituto Nazionale di Astrofisica (INAF))

Co-authors: DE GRANDI, Sabrina (Istituto Nazionale di Astrofisica (INAF)); MOLENDI, Silvano; GASTALDELLO, Fabio; ROSSETTI, Mariachiara; ECKERT, Dominique

Presenter: GHIZZARDI, Simona (Istituto Nazionale di Astrofisica (INAF))

Session Classification: POSTER SESSION