

SAUNAS: III. X-ray Scaling Relations of Diffuse Hot Gas Galactic Halos^{*}

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ABSTRACT

Put the abstract here.

1. BACKGROUND

Here is the intro section (Aguerri et al. 1998; ?; Bell et al. 2006).

The first sentence in the intro!

The second sentence in the intro (Erwin & Debattista 2017; Falchi et al. 2016).

A 3rd sentence in the background.

Here is a comment, see if it changes color like it is supposed to.

1.1. *Motivation*

The first sentence under motivation. (?)

second sentence under motivation.

Third sentence right here right NOW!!

4th sentence

5th sentence here

1.1.1. *Goals*

First sentence in this section underneath Goals.

2. METHODS

First sentence in methods section.

Facilities: Chandra

Software: CIAO, LIRA, VorBin

REFERENCES

^{*} Released on May, 11th, 2023

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- Erwin, P., & Debattista, V. P. 2017, MNRAS, 468, 2058, doi: [10.1093/mnras/stx620](https://doi.org/10.1093/mnras/stx620)
- Falchi, F., Cinzano, P., Duriscoe, D., et al. 2016, , 2, e1600377, doi: [10.1126/sciadv.1600377](https://doi.org/10.1126/sciadv.1600377)