

Preparing for CATARSIS: the new legacy survey for the 3.5m telescope at CAHA.



KEYWORDS: Galaxies, Galaxy Clusters, Surveys, IFUs

SUMMARY: CATARSIS is the new legacy survey at the 3.5 telescope at the Calar Alto Observatory that is in 2028. During 600 nights, it will map galaxy clusters at redshifts between $0.15 \leq z \leq 0.3$, from the centres using TARSIS: Tetra-ARmed Super-Ifu Spectrograph. The combination of its wide field of view (2.8×2.8 arcmin) and its spectral range (320-810 nm) make TARSIS a unique instrument. The main goal of the workshop is to maximize the return of this survey for the Spanish community. Therefore, the session seeks to inform the SEA members of the CATARSIS possibilities and encourage new ideas from/within the community to enlarge the exploitation of data, and of TARSIS itself.

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