

A SYNOPTIC VIEW OF THE MAGELLANIC CLOUDS:
VMC, GAIA AND BEYOND

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Age and metallicity gradients in the Magellanic Bridge with the VISCACHA survey

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The VISCACHA survey is an observational ongoing project that has already observed about 150 clusters from the Magellanic Clouds, using the Adaptive Optics Module in the SOAR 4m telescope in a total of ~ 300 hours. One of the fronts of this project is the characterization of a big sample of clusters located in the Magellanic Bridge, the tidally-stripped gaseous and stellar structure in between the Magellanic Clouds, seeking to verify the validity of the available models explaining the origin of the Magellanic System and its tidal features. This work presents the preliminary results for ten of these clusters, in which we homogeneously derive their ages, distances, metallicities and mass distributions using a modern Bayesian inference code. The Bridge star formation history and metallicity gradient will be explored with this high quality data from VISCACHA.