

The loss of the intra-cluster medium in old stellar clusters

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Stars in old stellar clusters lose a non negligible amount of mass during their evolution. This material is then expected to build up a substantial intra-cluster medium. However, the observed gas content in these old stellar clusters is a couple of orders of magnitude below these expectations. We follow the evolution of the stellar wind material thanks to hydrodynamical simulations taking into account the ram-pressure stripping by the motion of the stellar cluster in the galactic halo medium and the inclusion of ionising sources to reconcile theoretical predictions with observations.

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