

Towards better understanding of multiple populations in star clusters of the Magellanic Clouds

Monday, 18 September 2017 17:45 (2 minutes)

The advent of precision Hubble Space Telescope photometry has fundamentally changed the old concept of massive star clusters as simple stellar populations. It is now proven that essentially all old clusters (older than 9 Gyr) host multiple populations. Our efforts are currently shifted toward younger clusters which show the onset of multiple populations in the Red Giant Branch and other post-main-sequence features. We present the latest findings using a three-filter based pseudo-color index sensitive to multiple populations and also provide possible interpretation.

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Session Classification: quick poster presentations