

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Title:

Yellow Supergiants: Unlocking the Mysteries of Post-RSG Evolution

Abstract:

The most recent generation of Geneva models predict that massive red supergiants may evolve towards the blue side of the HR diagram before ending their lives as WR stars, LBVs, or core-collapse SNe. Due to their short life expectancy, this post-RSG class of stars provides a sensitive laboratory for stellar evolution theory. Through spectral characteristics and SEDs, we present evidence of mass loss in RSGs and intermediate-type YSGs in M31 and M33. With this census of the evolved cool star population, we can identify candidates for post-RSG evolution.