

TALK ABSTRACT to be delivered at

"From Twilight to Highlight: The Physics of Supernovae"

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Title: SN Progenitors in Hubble Space Telescope Images

Pre-explosion images for a number of recent supernovae, particularly core-collapse, are in the Hubble Space Telescope (HST) archive. We have analyzed these images, in conjunction with our own KAIT and, in a few cases, HST Snapshot images for the supernovae and with precise astrometry, to isolate the progenitor star in each case. I will discuss the results and the implications for the nature of supernova progenitors.