APR13-2013-020027

Abstract for an Invited Paper for the APR13 Meeting of the American Physical Society

Observing Core-Collapse Supernovae

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Our understanding of the ultimate fate of massive stars has grown immensely with the advent of systematic, synoptic surveys. Here, I will review the diverse deaths of massive stars with special emphasis on supernovae from the least massive and most massive progenitors. I will also discuss recently discovered precursor eruptions that precede supernova explosions.