

Department of Physics & Astronomy

Dr. Ian Smith

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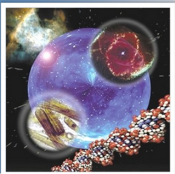
Friday, March 25, 2011

Time: 3:00 p.m. - 4:00 p.m.

BB 3.04.18

CSI: NGC 1313

A dead body has been found. The ID tag labels it SN 1978K in the nearby barred spiral galaxy NGC 1313. It is a cold case; the death occurred over 13 million years ago. However, this rare Type IIn supernova remains bright, allowing long-term multi-wavelength searches for clues. Using a careful elemental - my dear Watson - study, we aim to unravel the life of the progenitor massive star - possibly a Luminous Blue Variable - prior to its fateful demise. Did a gamma-ray burst shot ring out? Bring your little grey cells.



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