



**Chandra X-ray
Observatory Center**

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1E0102.2-7219: The debris from an exploded star about 200,000 light years from Earth.
(Credit: X-ray (NASA/CXC/ESO/F.Vogt et al); Optical (ESO/VLT/MUSE & NASA/STScI))

Caption: A composite image of the supernova 1E0102.2-7219 contains X-rays from Chandra (blue and purple), visible light data from VLT's MUSE instrument (bright red), and additional data from Hubble (dark red and green). A neutron star, the ultra dense core of a massive star that collapses and undergoes a supernova explosion, is found at its center. Astronomers discovered that this neutron star is a rare variety that has both a low magnetic field and no stellar companion.

Scale: The image is about 2.85 arcmin across (165 light years) across.

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory
