



**Chandra X-ray
Observatory Center**

Harvard-Smithsonian Center for Astrophysics
60 Garden St. Cambridge, MA 02138 USA
<http://chandra.harvard.edu>

SNR 0519-69.0: A supernova remnant about 160,000 light-years from Earth.
(Credit: X-ray: NASA/CXC/GSFC/B. J. Williams et al.; Optical: NASA/ESA/STScI)

Caption: Astronomers combined X-ray data from Chandra with those from other telescopes to determine how long ago the star in the supernova remnant called SNR 0519-69.0 exploded and learn about the environment the supernova occurred in. This composite image contains X-ray data from Chandra (green, blue and purple with some appearing as white) and Hubble's optical data of the remnant's perimeter (red) and surrounding stars (white). Astronomers concluded that the white dwarf that created this remnant exploded no more than about 670 years ago as seen from Earth.

Scale: The image is about 1.9 arcmin (88 light-years) across.

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory
