



**Chandra X-ray
Observatory Center**

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Image Gallery: A selection of multiwavelength images with Chandra data.
(Credit: X-ray: NASA/CXC/SAO; Optical: NASA/STScI, Palomar Observatory, DSS; Radio: NSF/NRAO/VLA; H-Alpha: LCO/IMACS/MMTF)

Caption: This collection of images contains objects ranging from a supernova remnant within our Galaxy to an enormous galaxy cluster millions of light years away. Each image contains X-rays from Chandra in combination with data from other telescopes that capture different types of light. The objects are the binary system R Aquarii, the supernova remnant Cassiopeia A, the "Guitar Nebula" and its pulsar, the galaxy cluster Abell 2597, and the NGC 4490 galaxy. These images demonstrate how X-rays — colored differently in each image — are emitted by very hot and energetic objects throughout the universe.

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory
