



OCTOBER 2022

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J1818.0-1607

Astronomers have found the fastest spinning and possibly the youngest magnetar known. This object, known as J1818.0-1607, is located about 21,000 light years away in the Milky Way galaxy. Magnetars are a special class of neutron stars that possess extremely powerful magnetic fields. Researchers used Chandra, seen as purple in this image, and other telescopes to learn about the unusual properties of this object.

Credit: X-ray: NASA/CXC/Univ. of West Virginia/H. Blumer; Infrared (Spitzer and Wise): NASA/JPL-CalTech/Spitzer