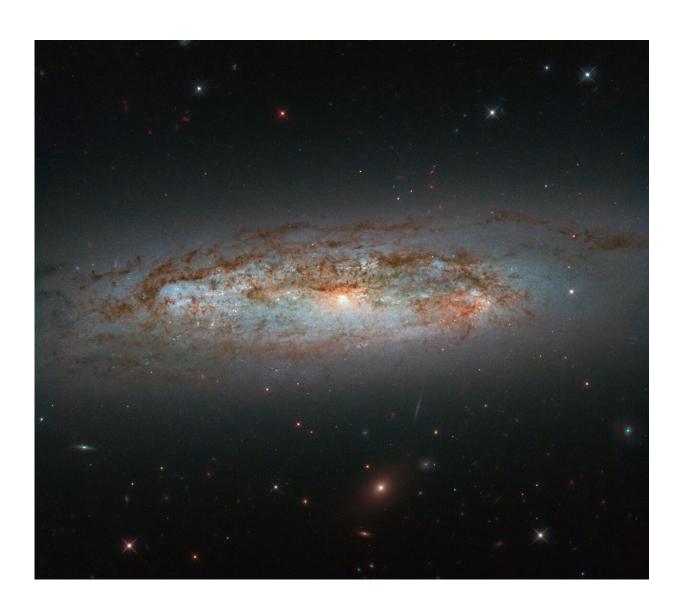


## Image: Hubble views galaxy's dazzling display

December 13 2019



Credit: ESA/Hubble & NASA, D. Rosario et al.



NGC 3175 is located around 50 million light-years away in the constellation of Antlia (the Air Pump). The galaxy can be seen slicing across the frame in this image from the NASA/ESA Hubble Space Telescope, with its mix of bright patches of glowing gas, dark lanes of dust, bright core, and whirling, pinwheeling arms coming together to paint a beautiful celestial scene.

The galaxy is the eponymous member of the NGC 3175 group, which has been called a nearby analog for the Local Group. The Local Group contains our very own home galaxy, the Milky Way, and around 50 others—a mix of spiral, irregular and dwarf galaxies. The NGC 3175 group contains a couple of large spiral galaxies—the subject of this image and NGC 3137—and numerous lower-mass spiral and satellite galaxies. Galaxy groups are some of the most common galactic gatherings in the cosmos, and they comprise 50 or so galaxies all bound together by gravity.

This image comprises observations from Hubble's Wide Field Camera 3.

## Provided by NASA's Goddard Space Flight Center

Citation: Image: Hubble views galaxy's dazzling display (2019, December 13) retrieved 1 May 2024 from <a href="https://phys.org/news/2019-12-image-hubble-views-galaxy-dazzling.html">https://phys.org/news/2019-12-image-hubble-views-galaxy-dazzling.html</a>

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