



## MARCH 2023

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### SAGITTARIUS A\*

The main panel of this graphic contains X-ray data from Chandra (blue) showing hot gas that was blown away from massive stars near the Milky Way's central supermassive black hole known as Sagittarius A\* (Sgr A\*). Two infrared images at different wavelengths from Hubble reveal stars (orange) and cool gas (purple). An image of Sgr A\* from the Event Horizon Telescope, a network of radio telescopes around the globe, is in the inset. This shows the area close to the "event horizon," the boundary of a black hole from which nothing can escape. By combining EHT data with those from NASA telescopes and others on the ground, astronomers are learning more about Sgr A\* and how it interacts with its environment.

Credit: X-ray: NASA/CXC/SAO; IR: NASA/HST/STScI. Inset: Radio (EHT Collaboration)