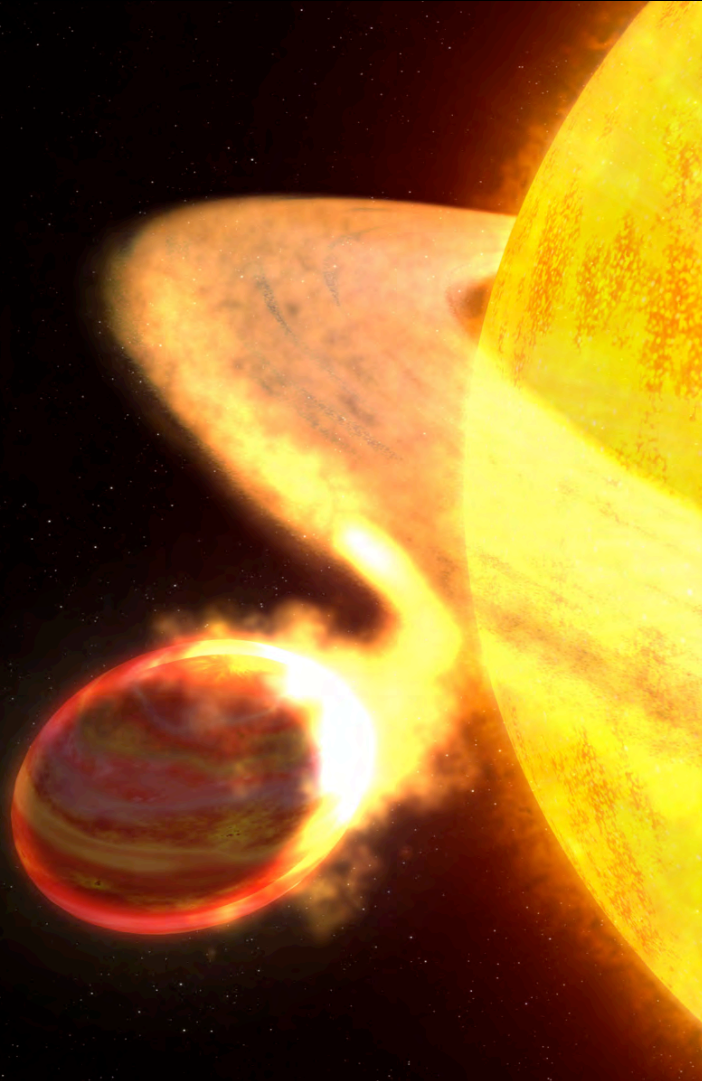




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The World Records of the Universe

Professor Bryan Gaensler

Director

Centre for All-sky Astrophysics

The University of Sydney

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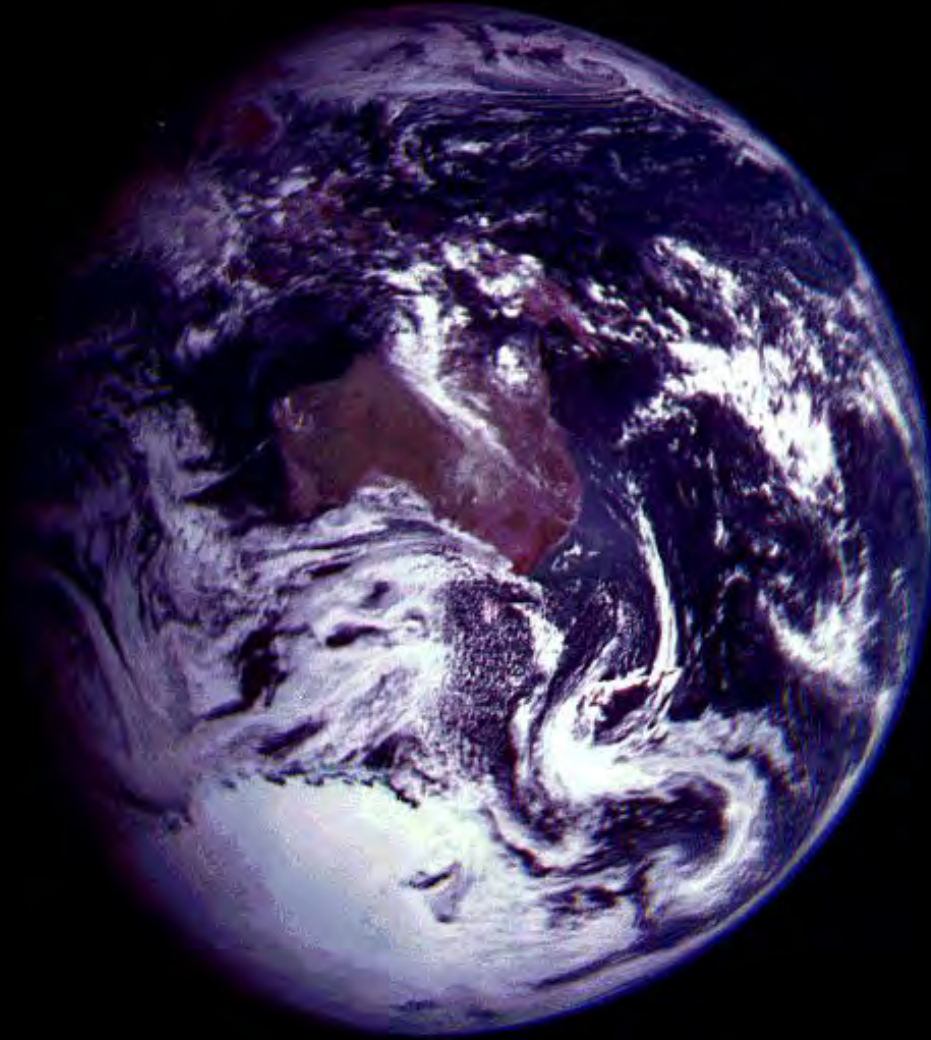


@SciBry

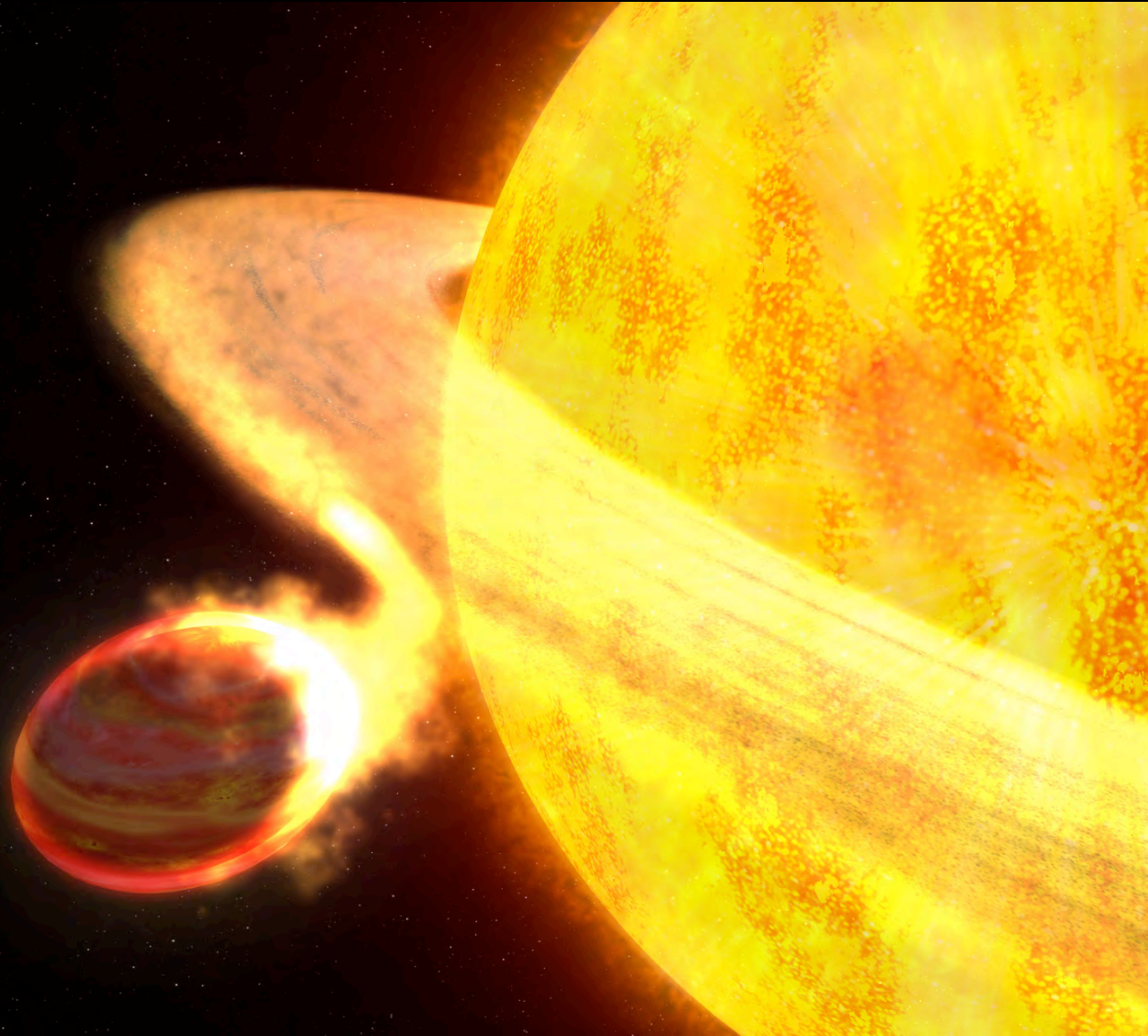
A New World Record!



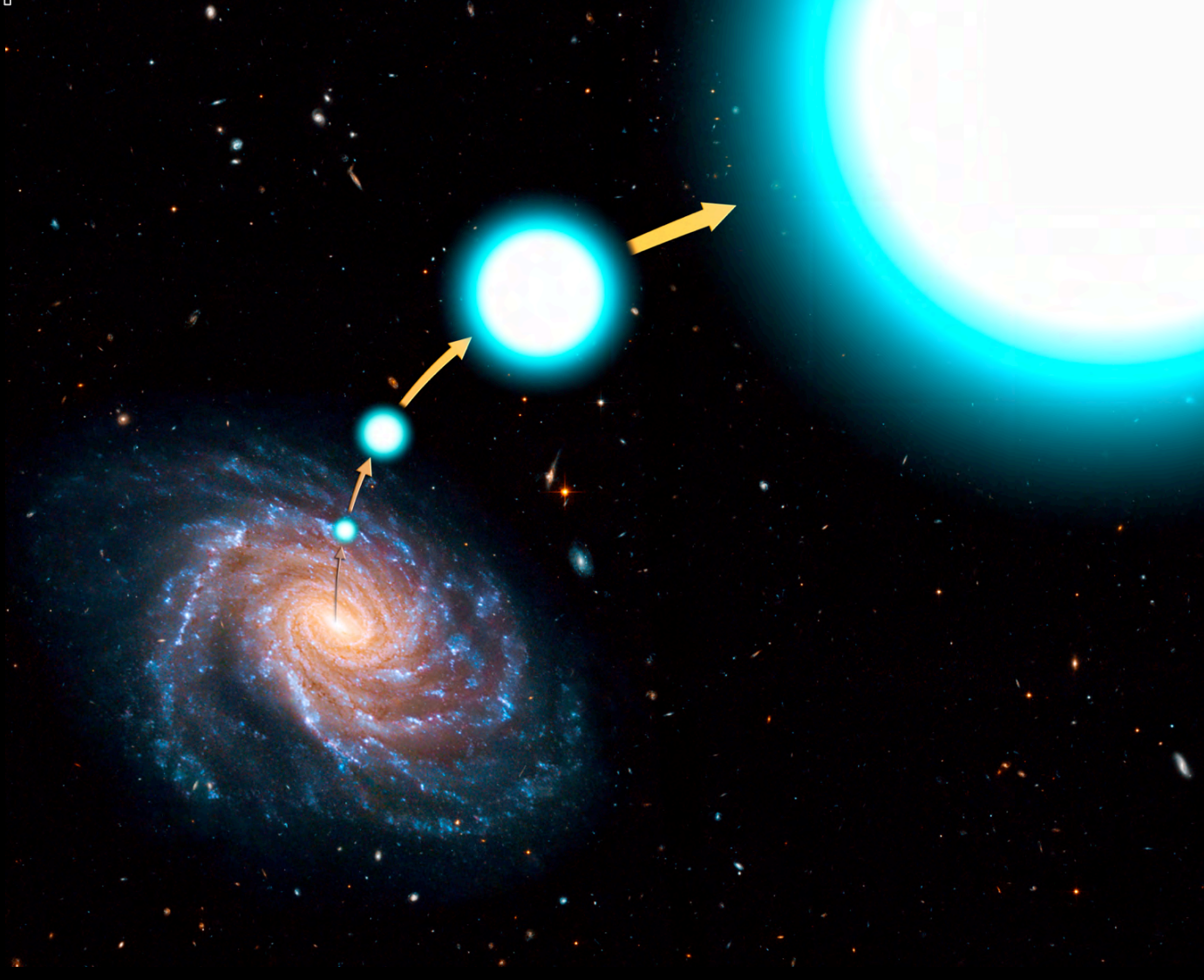
The Earth Orbiting the Sun



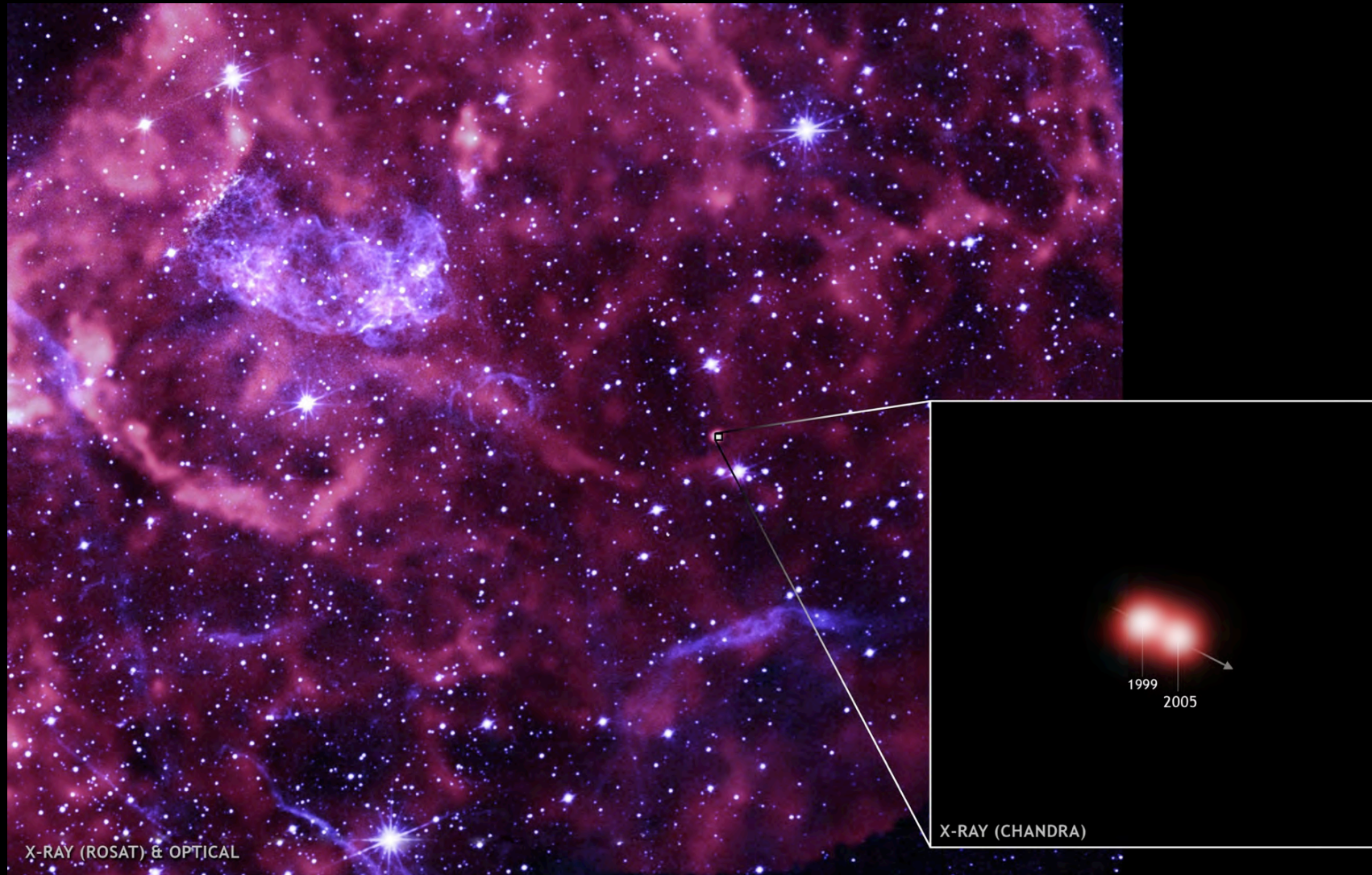
Fast & Furious: WASP-12b



A Hypervelocity Star

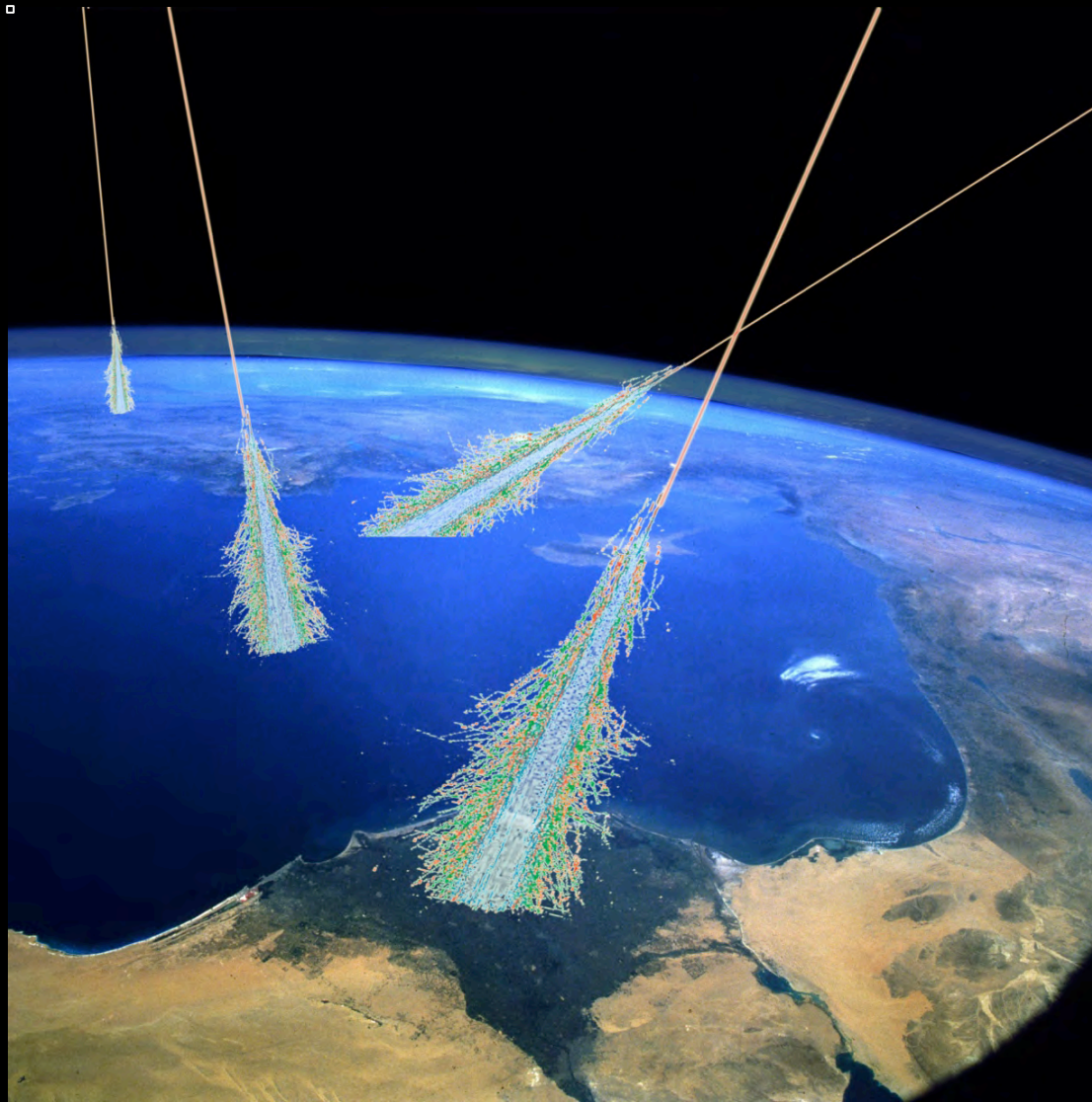


RX J0822.0-4300



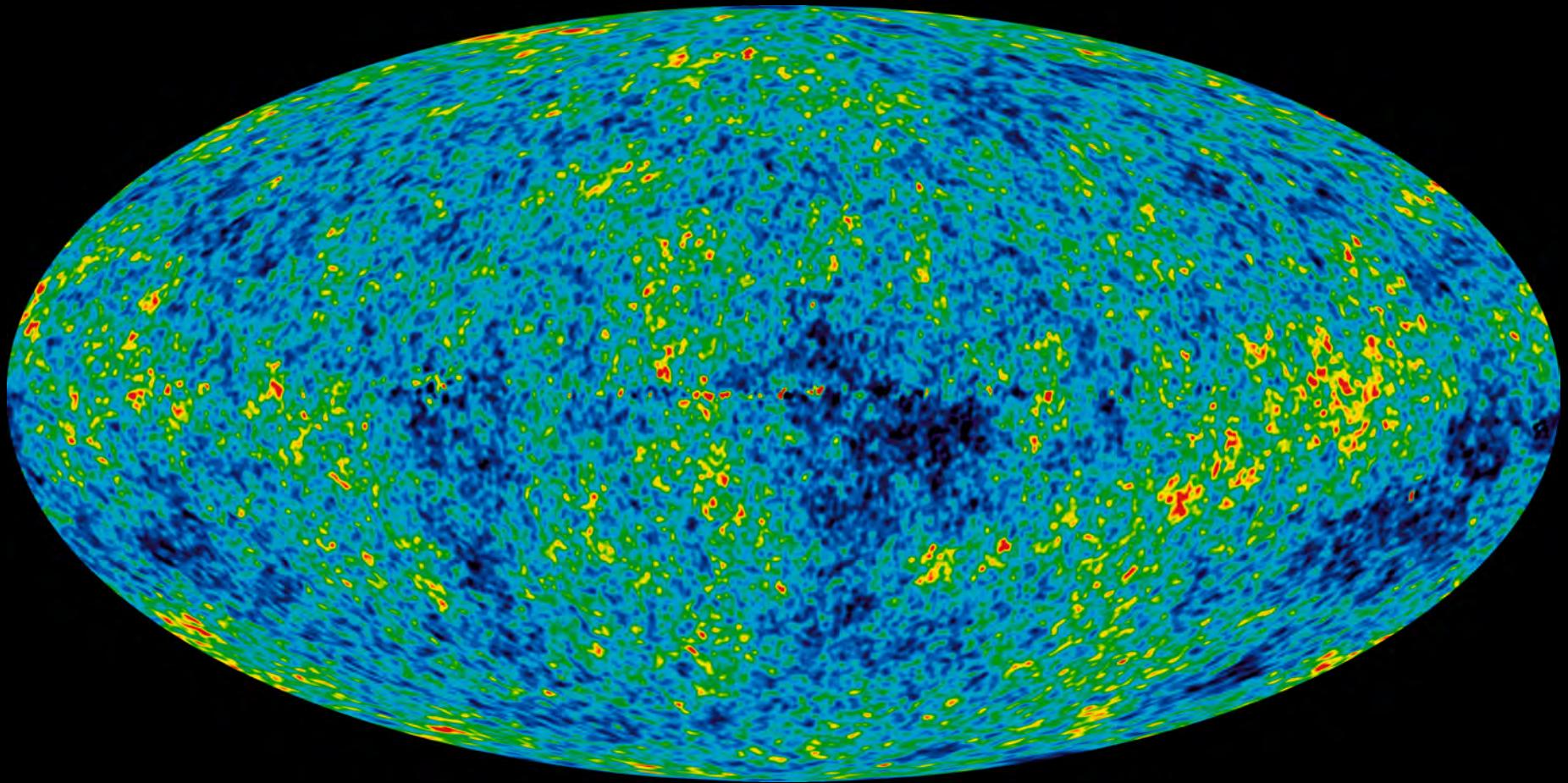
Chandra X-ray: NASA/CXC/Middlebury College/F Winkler et al.; ROSAT X-ray: NASA/GSFC/S Snowden et al.;
Optical: NOAO/AURA/NSF/Middlebury College/F Winkler et al.

The “Oh-My-God” Particle



Simon Swordy / NASA

The Cosmic Microwave Background

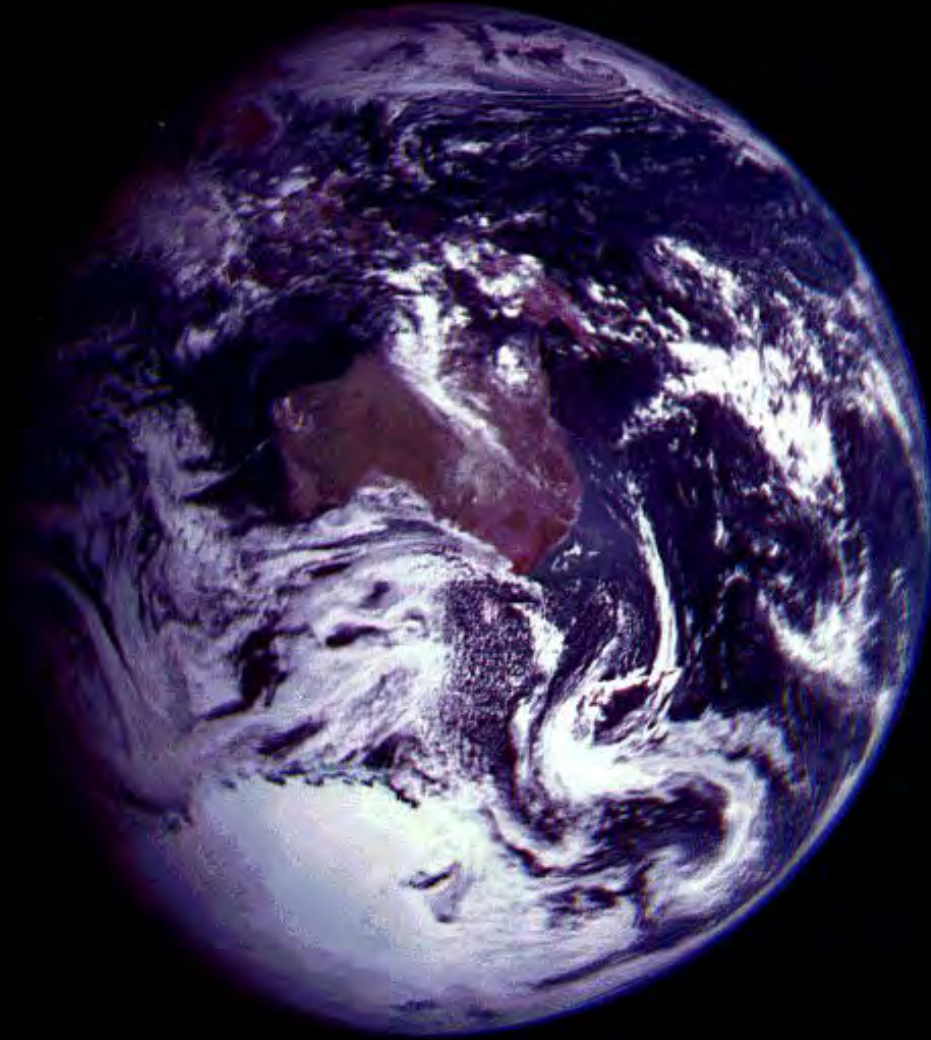


The Boomerang Nebula

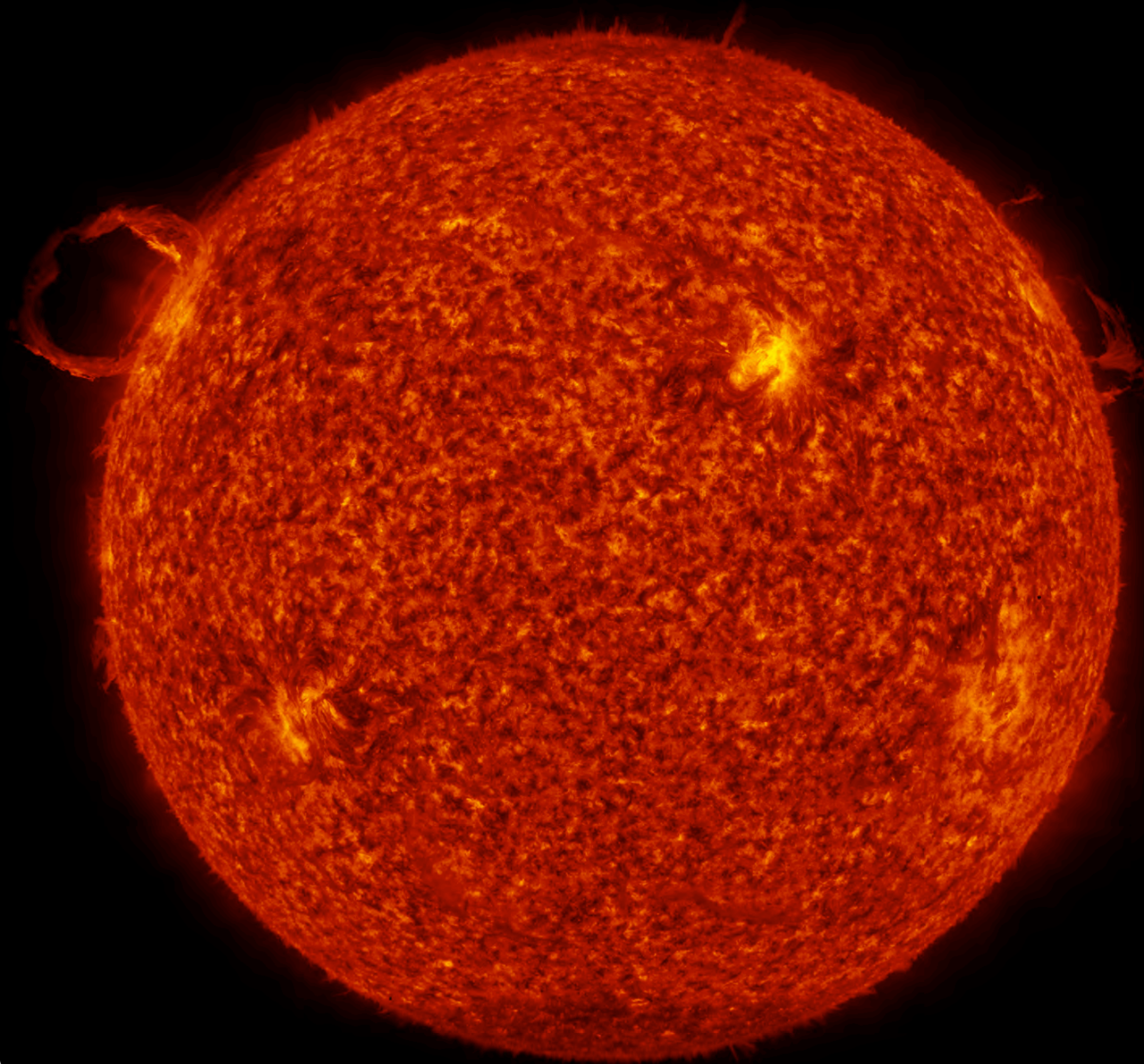
□

NASA/ESA/The Hubble Heritage Team (STScI/AURA) & J Biretta (STScI)

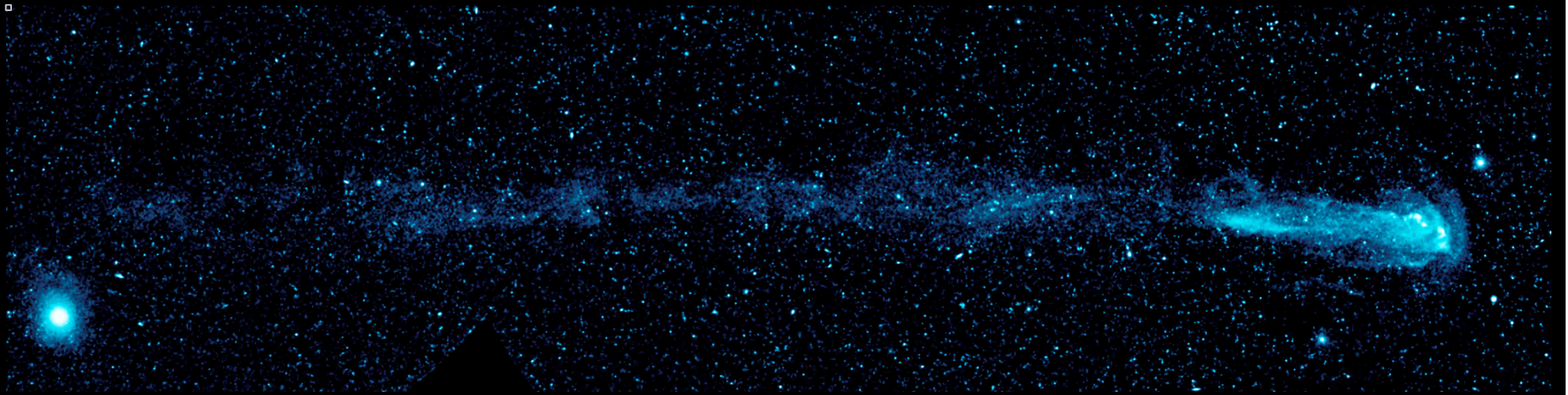
The Earth



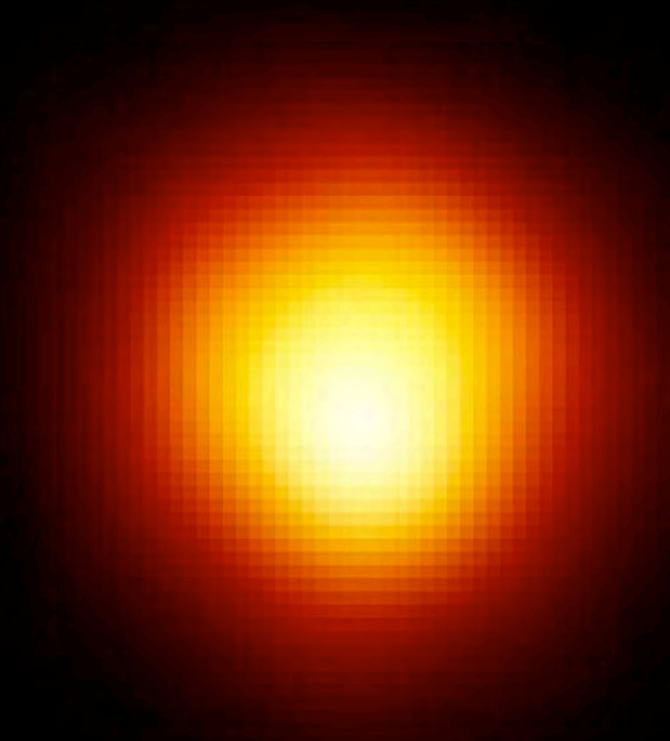
The Sun



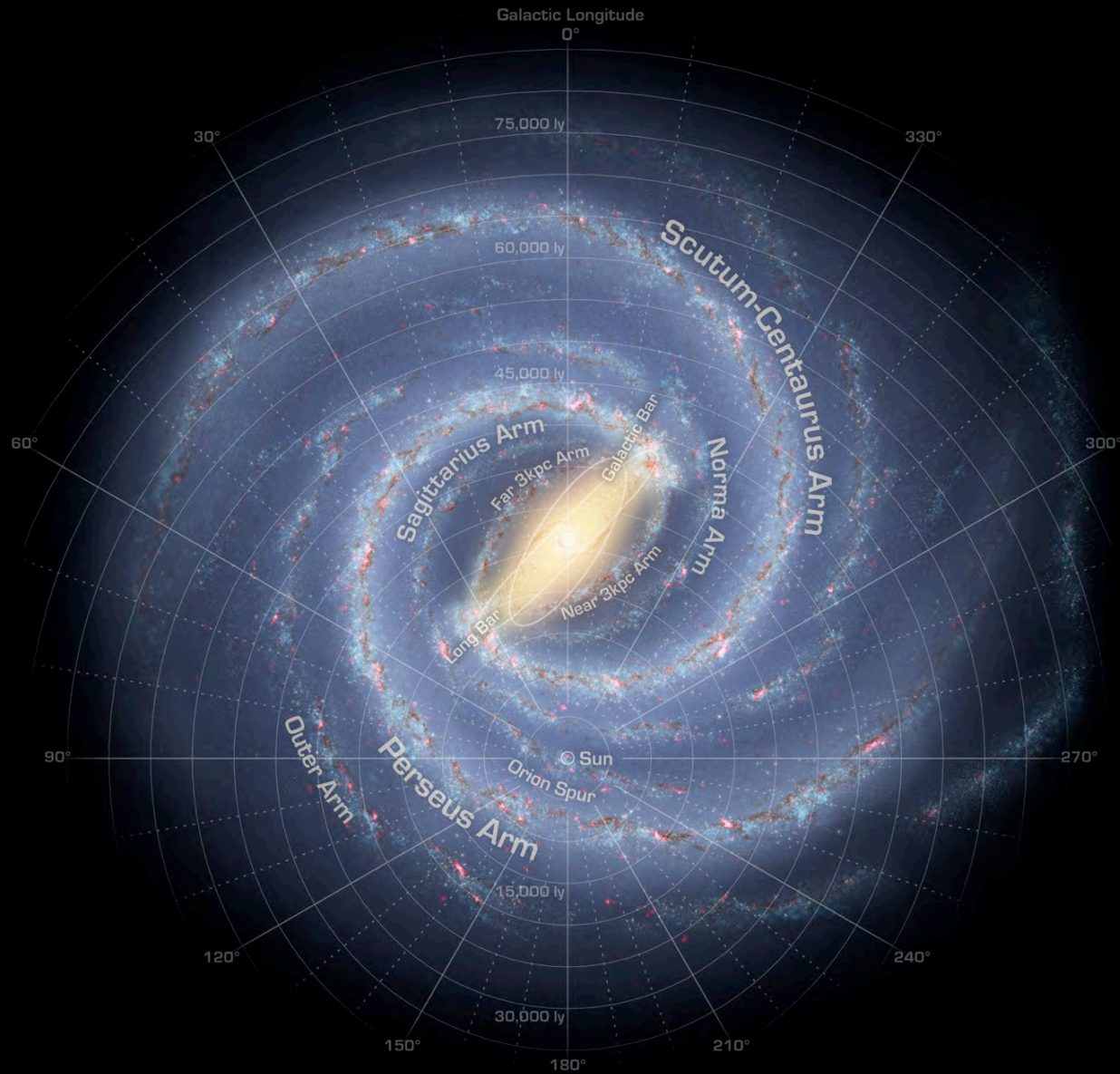
Mira: A Leaky Star



Betelgeuse



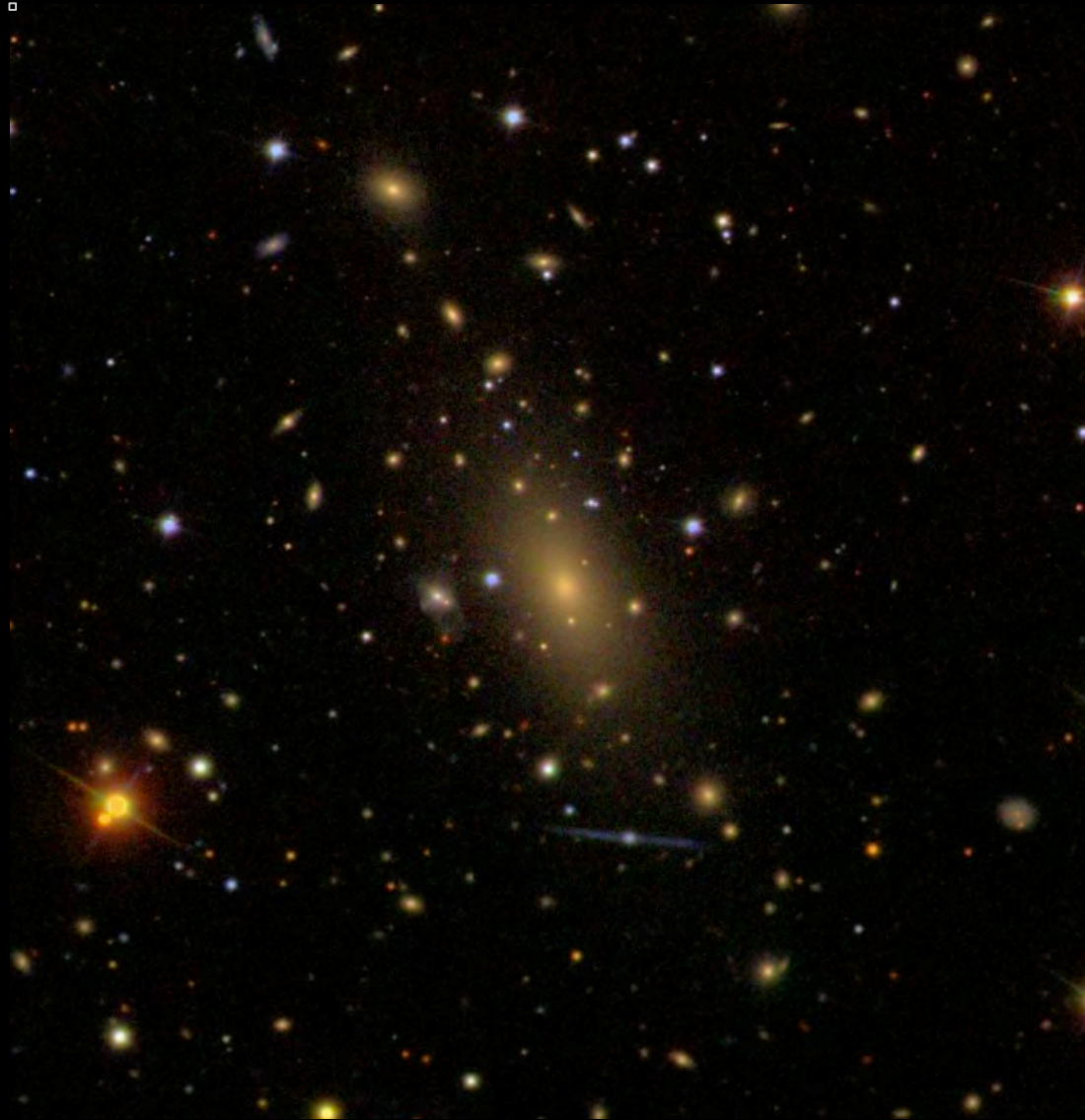
The Milky Way



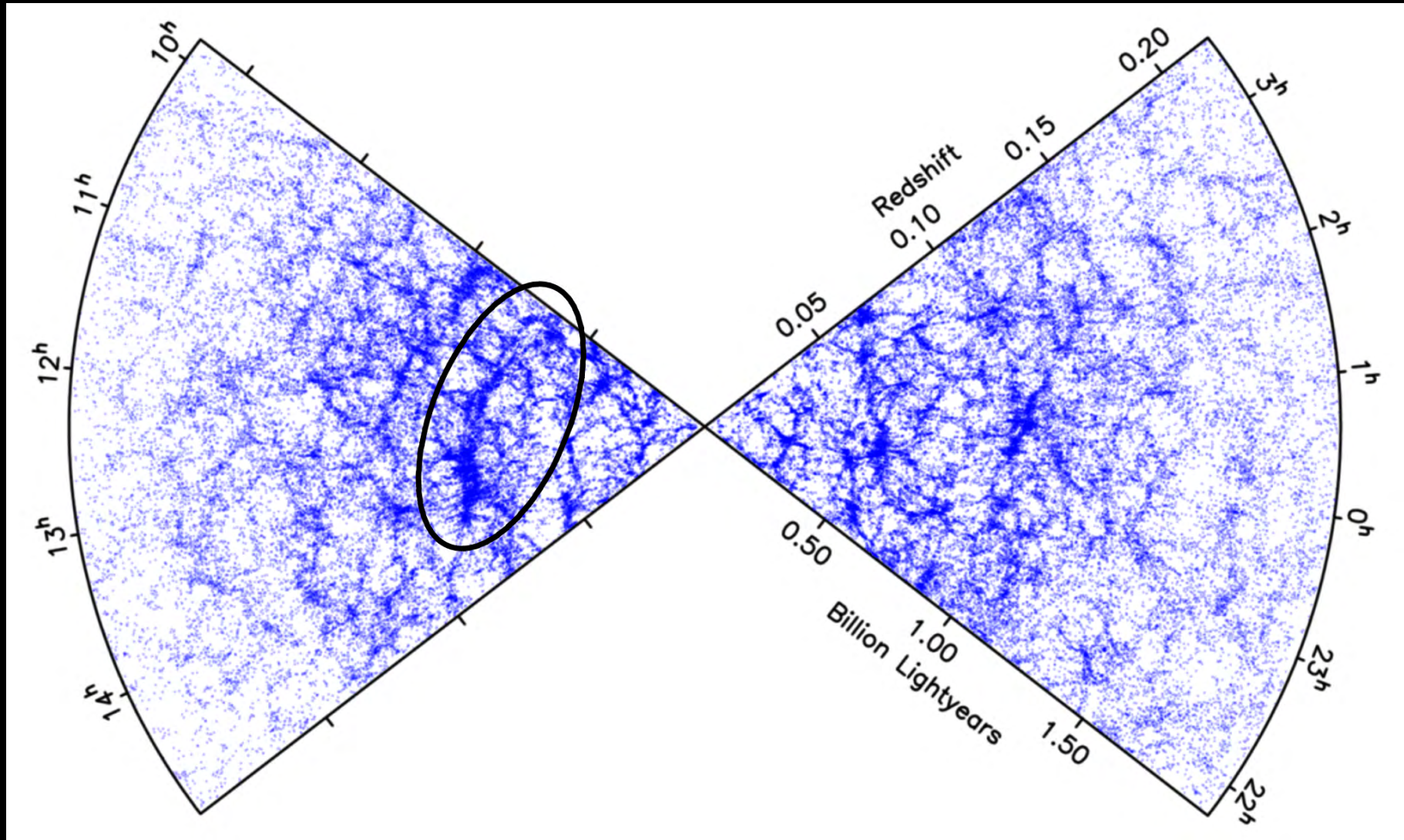
IC 2163 & NGC 2207



IC 1101

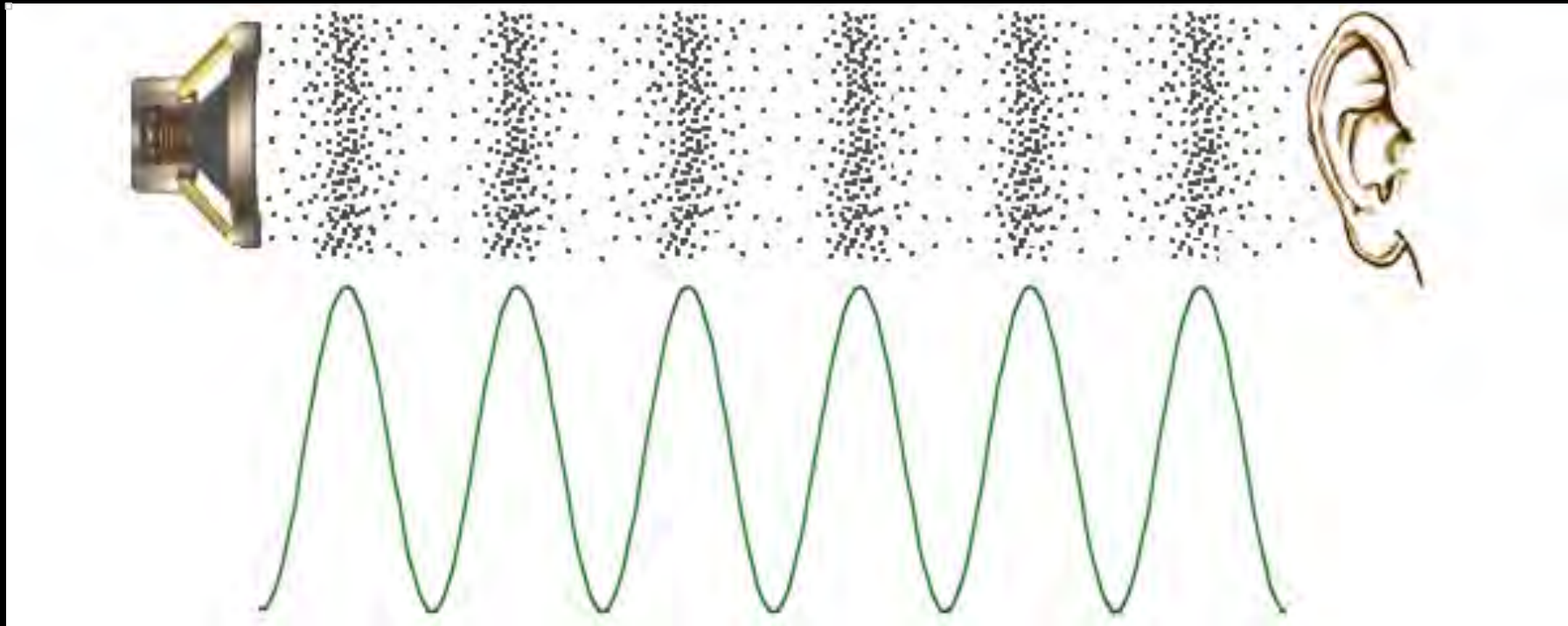


The Sloan Great Wall



2dF Galaxy Redshift Survey Galaxy Distribution developed by 2dF Galaxy Redshift Survey Team, published 2001.
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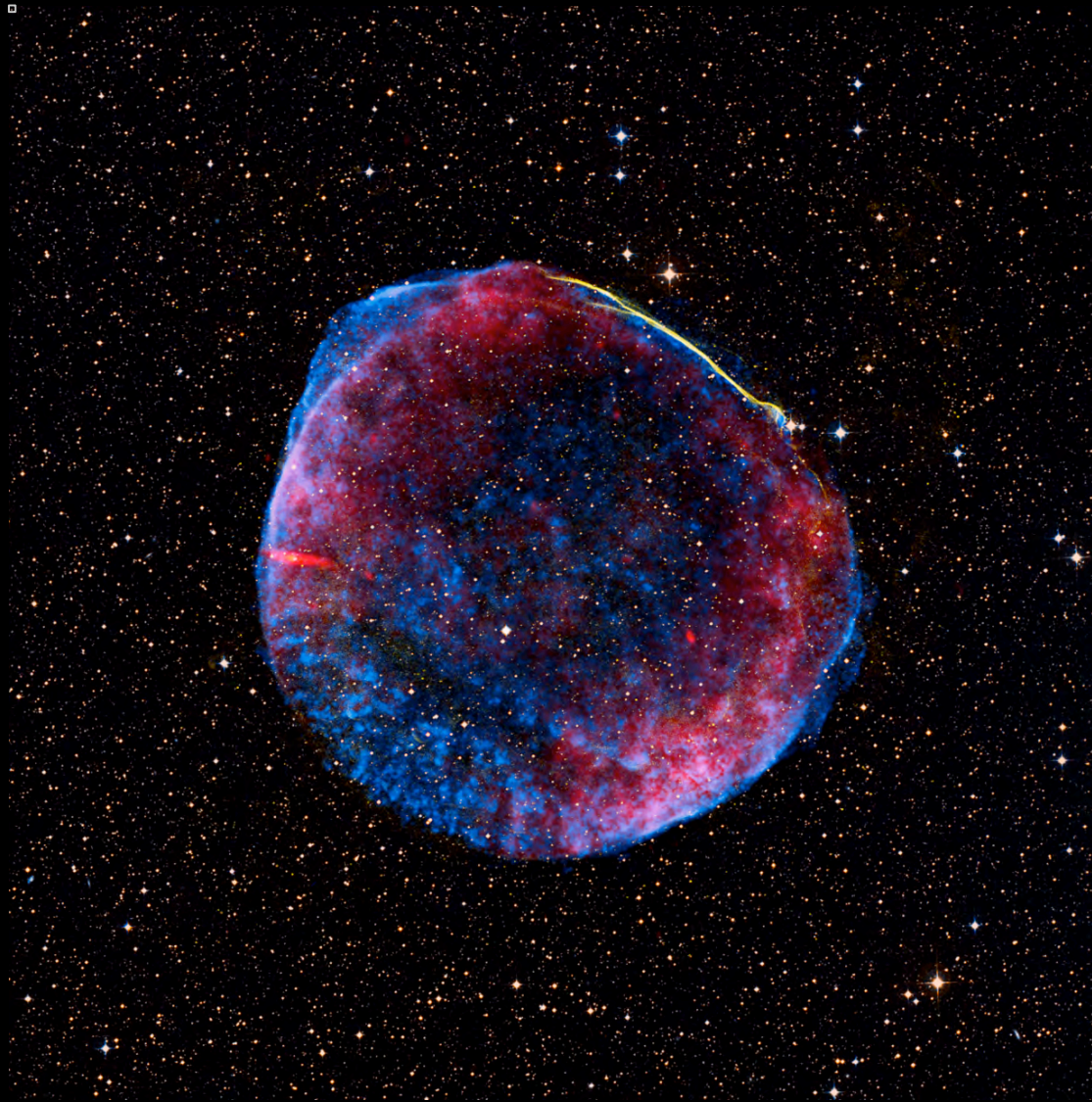
Sound Waves



Sonic Boom

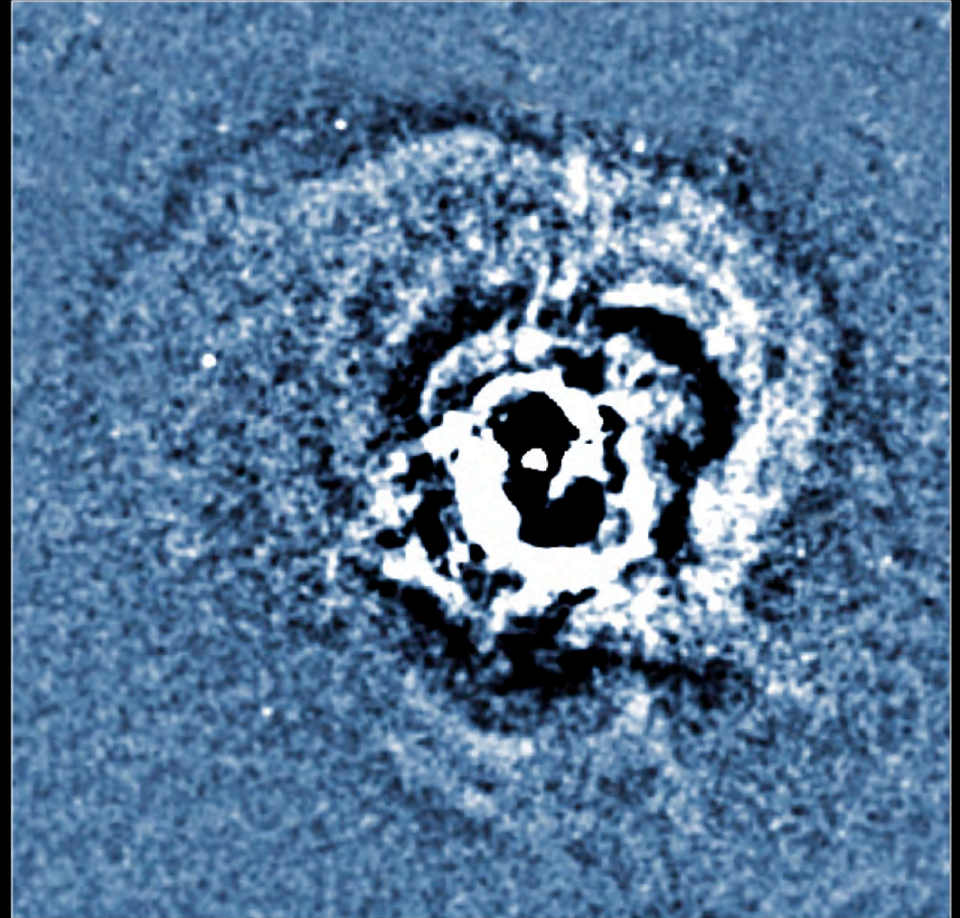
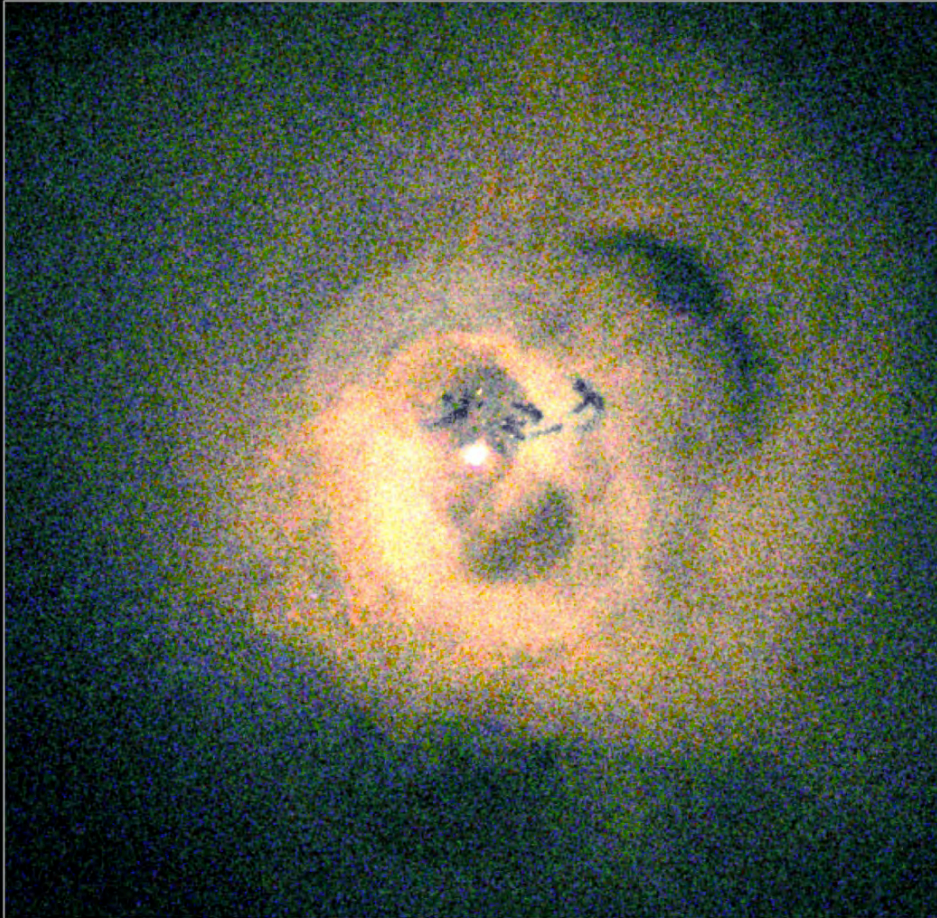


Supernova Remnant from 1006



X-ray: NASA/CXC/Rutgers/G Cassam-Chenaï, J Hughes et al.; Radio: NRAO/AUI/NSF/GBT/VLA/Dyer, Maddalena & Cornwell;
Optical: Middlebury College/F Winkler/NOAO/AURA/NSF/CTIO Schmidt & DSS

NGC 1275 in Abell 426



The First Notes: The Cosmic Microwave Background

