

Island Universes

Discovering Galaxies Beyond the Milky Way



Prof. Chris Lintott





Credit: Will Gater

The 10 most Earth-like exoplanets

By [Ailsa Harvey](#), [Elizabeth Howell](#) last updated May 08, 2023

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[1. Gliese 667Cc](#)

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[8. Kepler-1649c](#)

[9. Proxima Centauri b](#)

[10. TRAPPIST-1e](#)

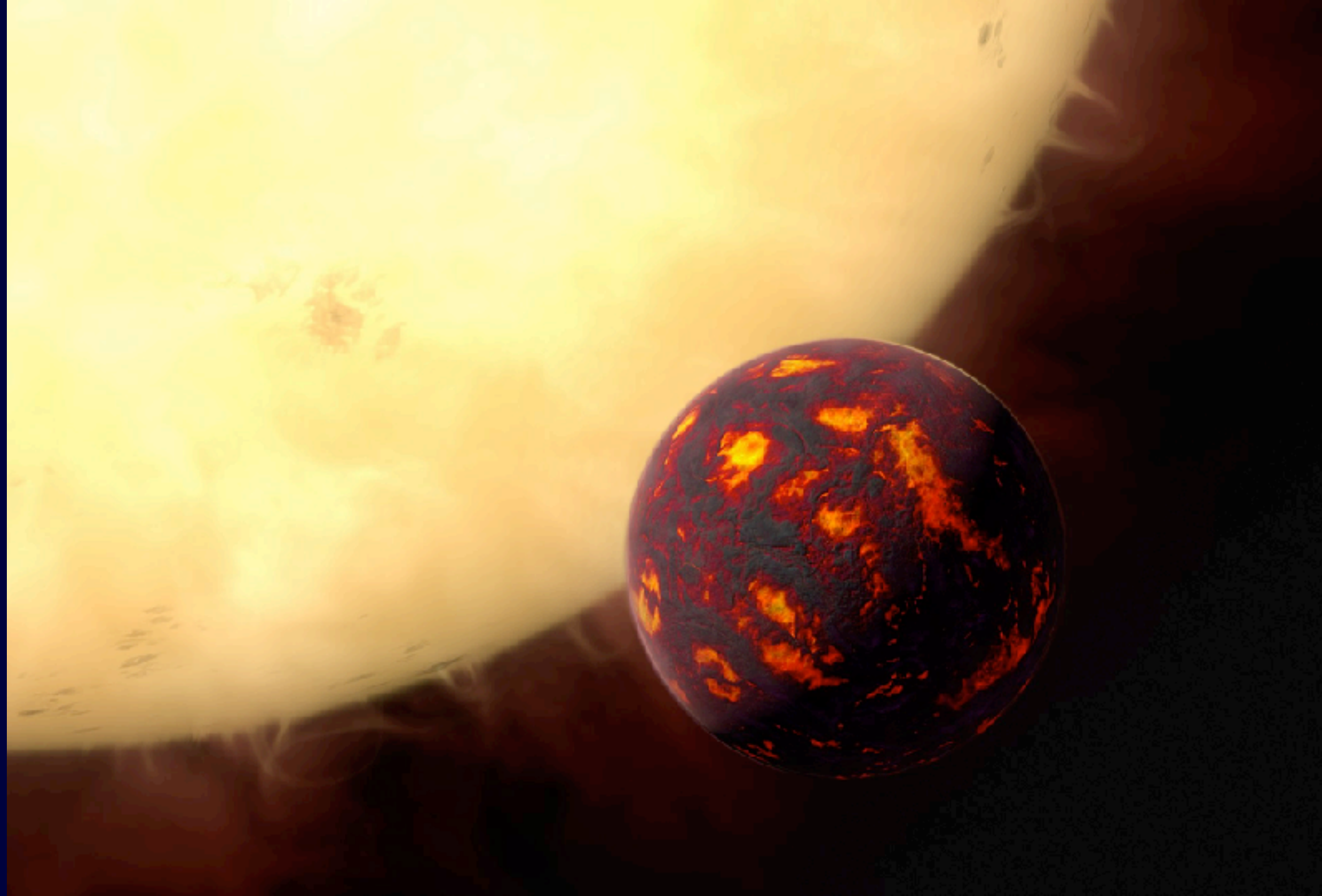
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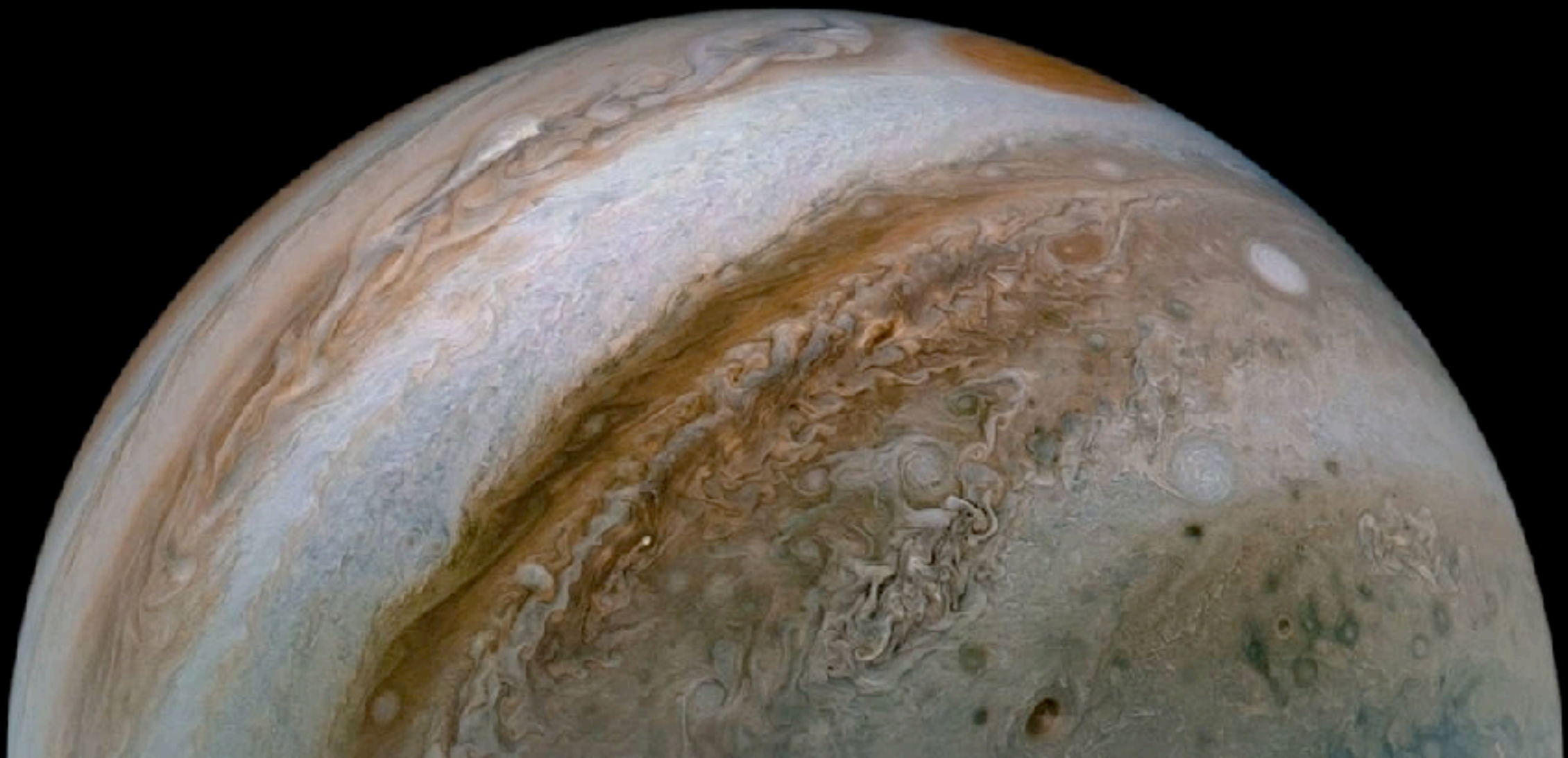
Here are 10 exoplanets regarded as the most Earth-like alien worlds discovered to date.



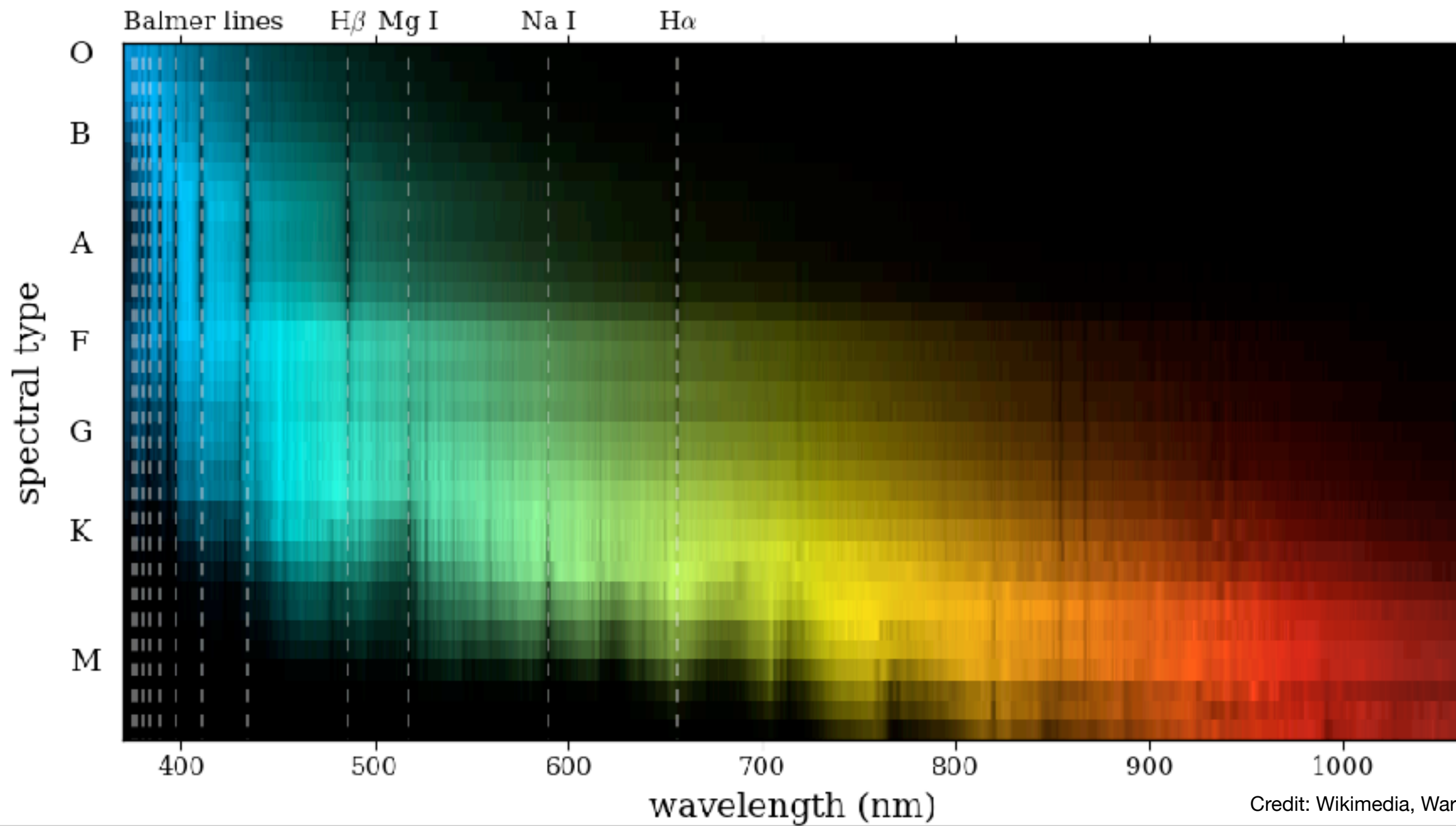
Here are 10 exoplanets regarded as the most Earth-like alien worlds discovered to date. (Image credit: Nazarii Neshcherenskyi via Getty Images)

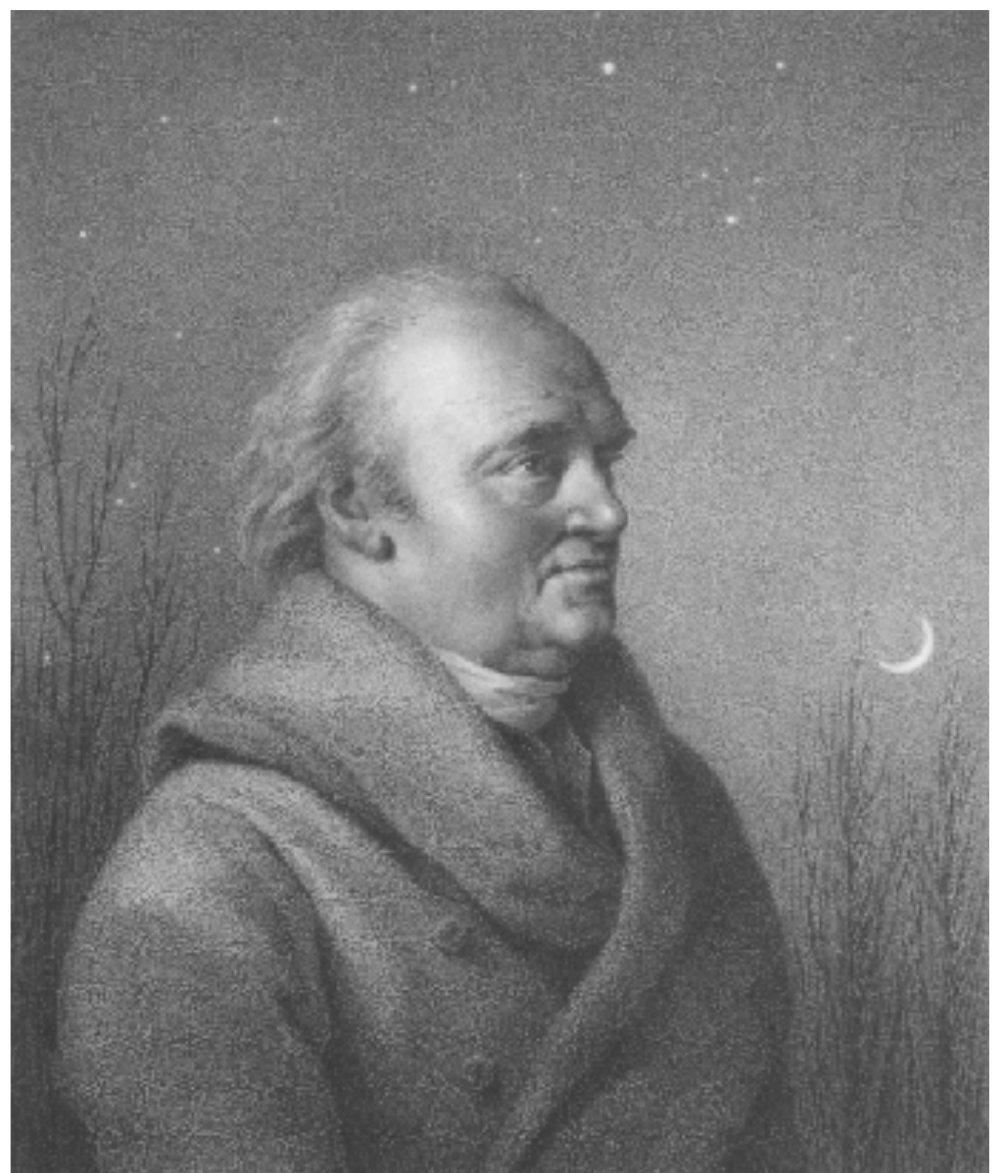


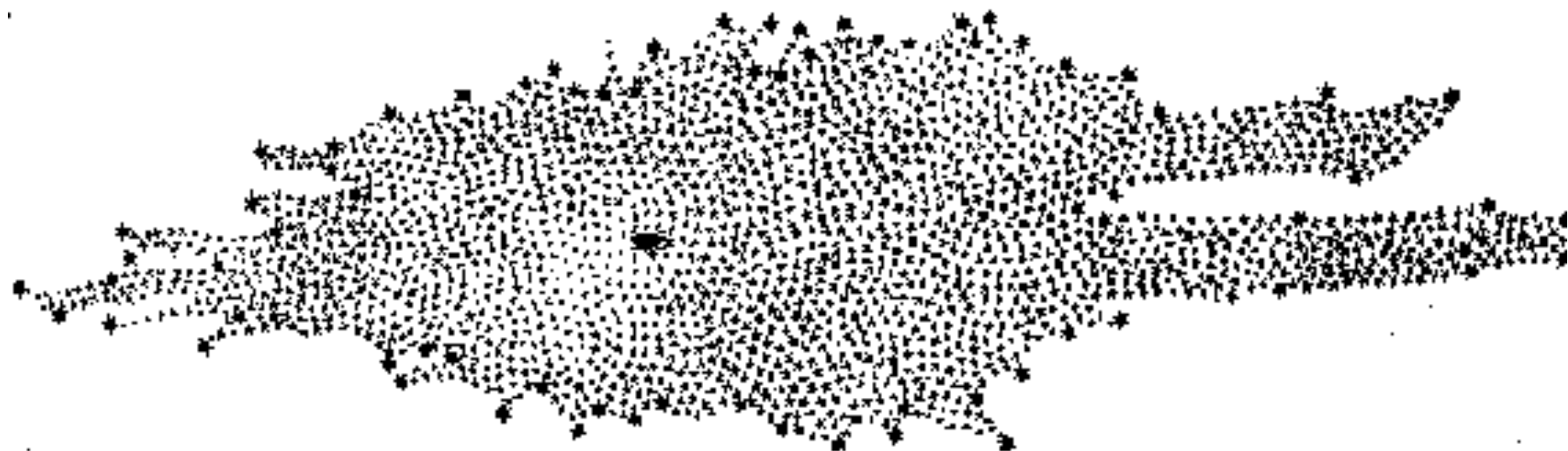


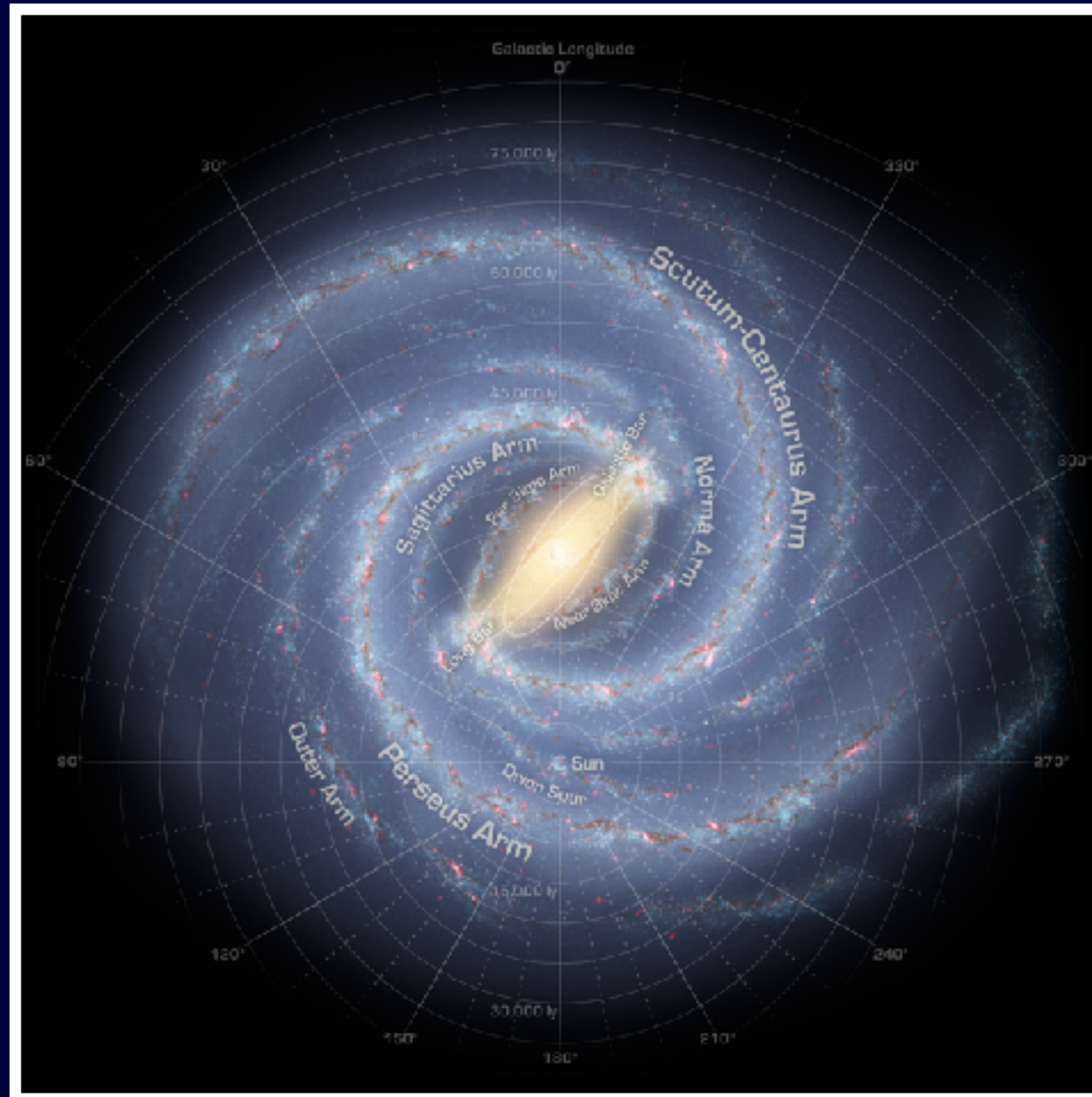














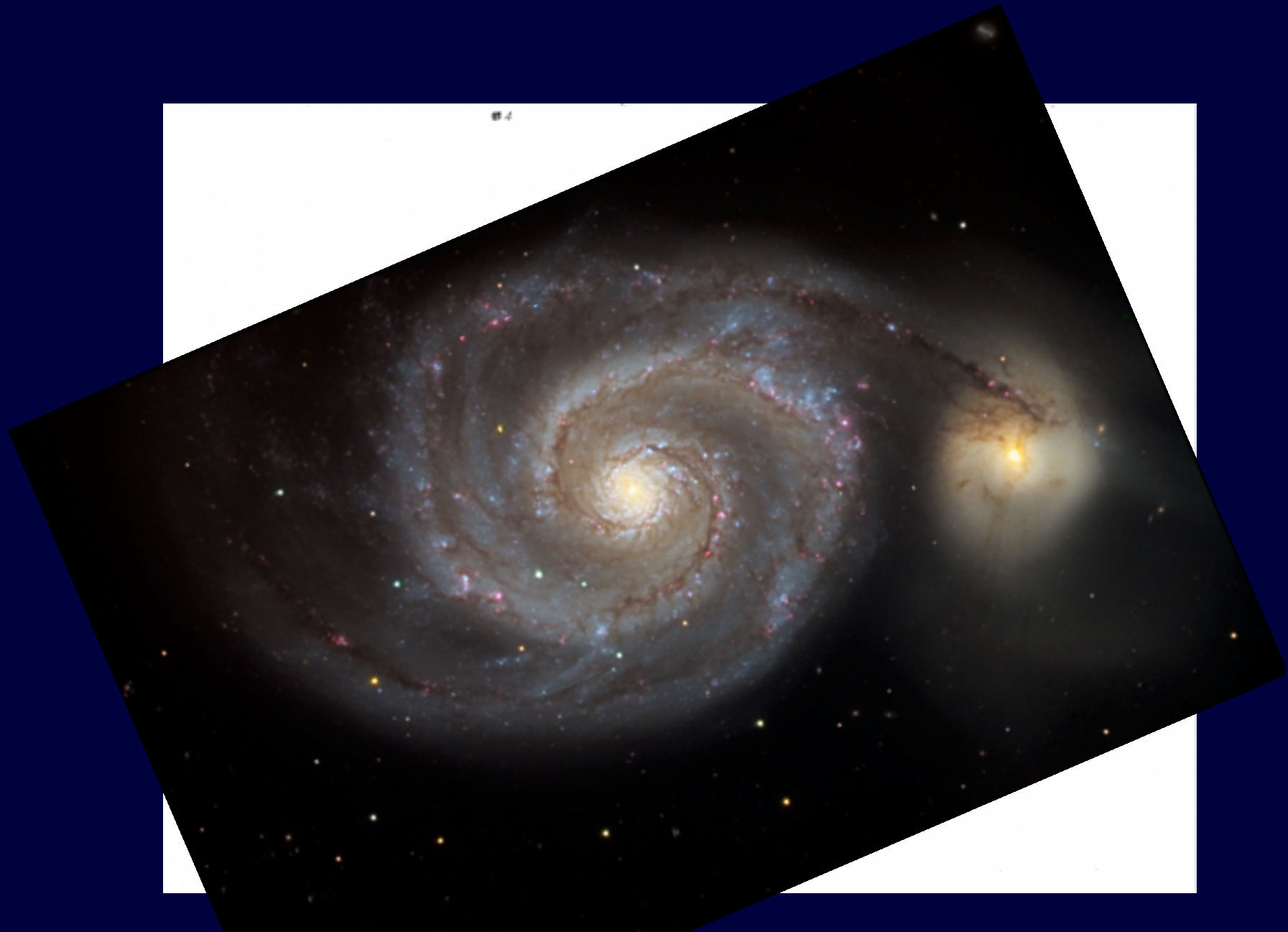






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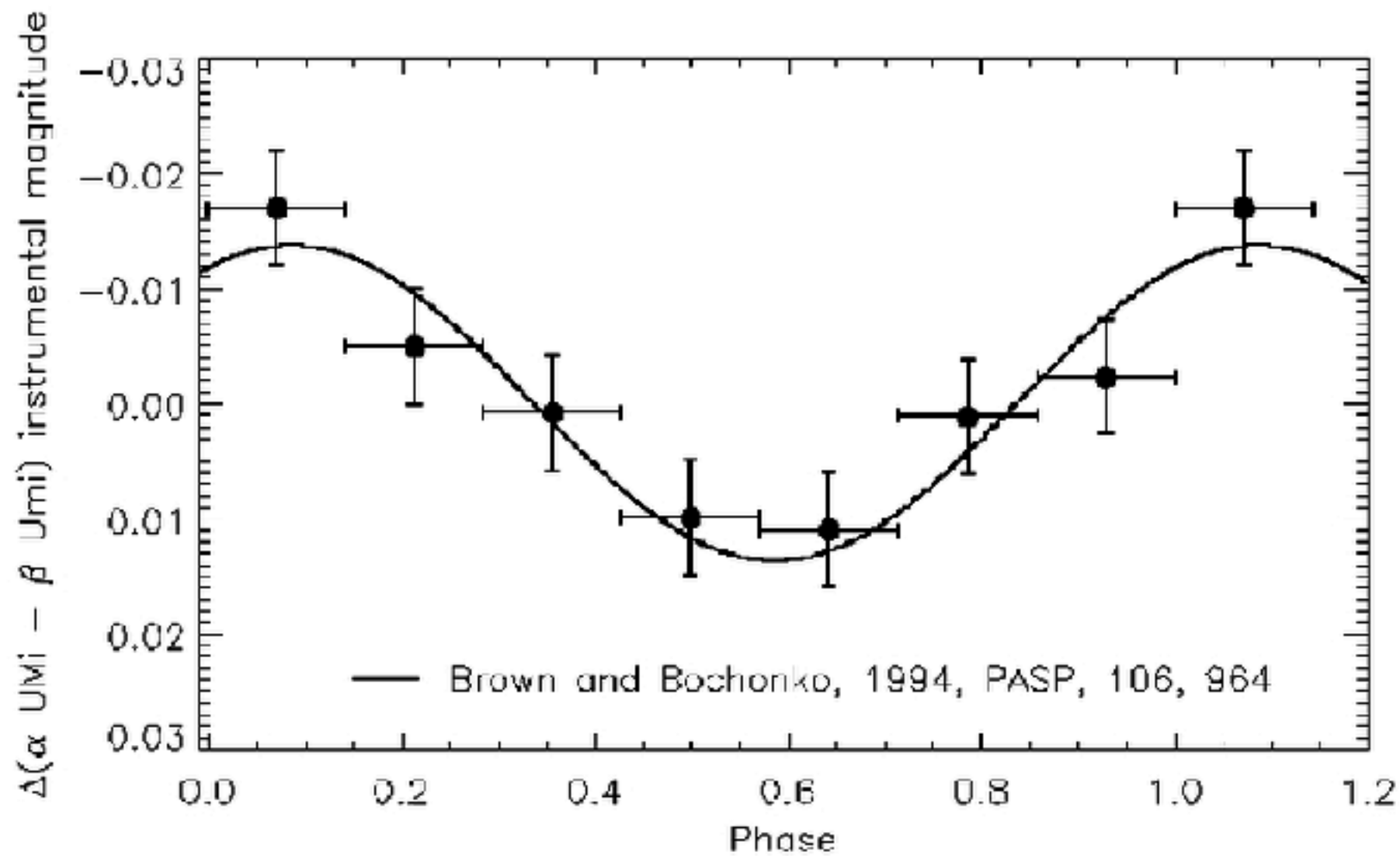
WILL GATER
ASTROPHOTOGRAPHY



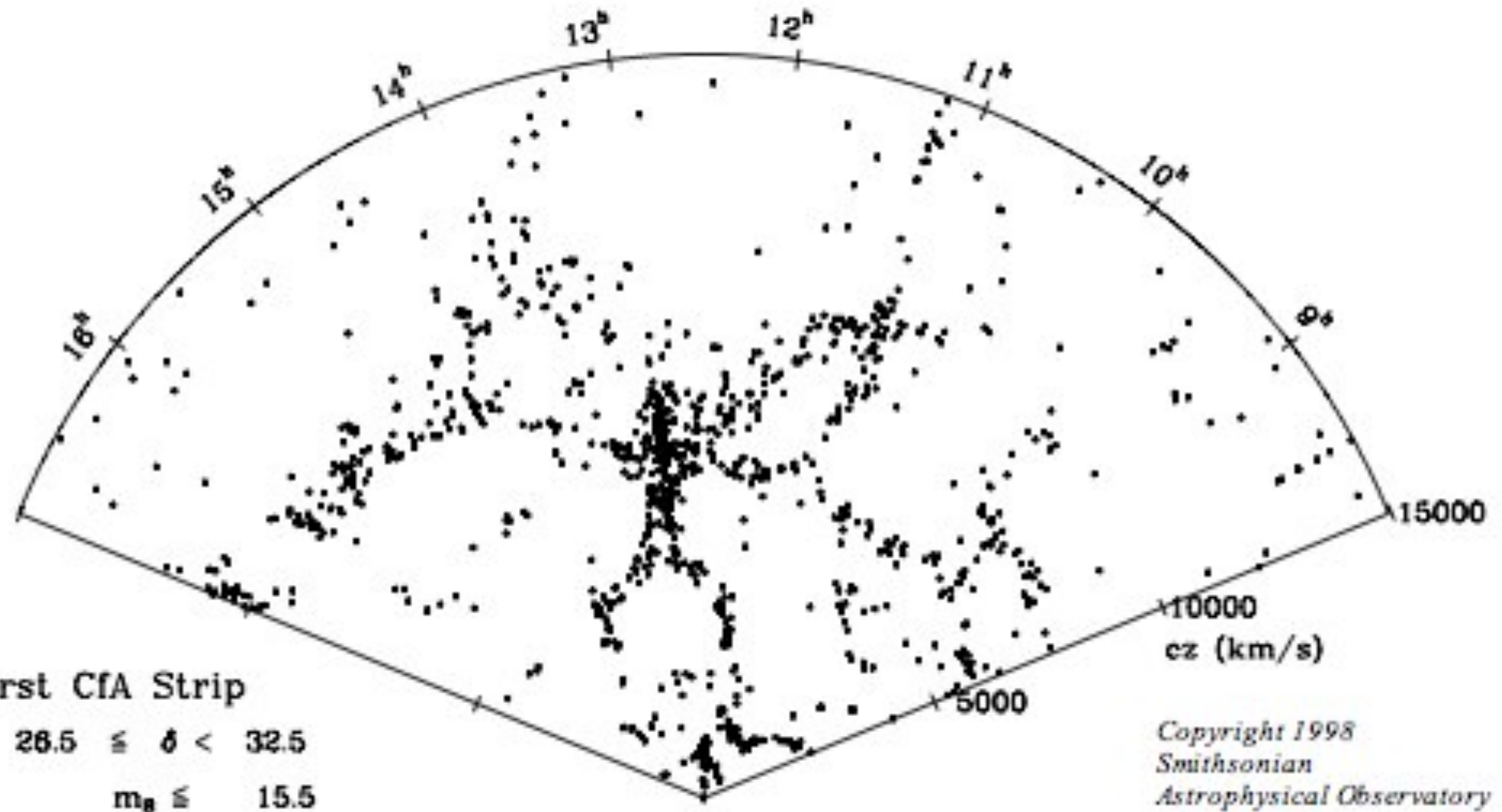


Credit: Wikimedia: Timwether







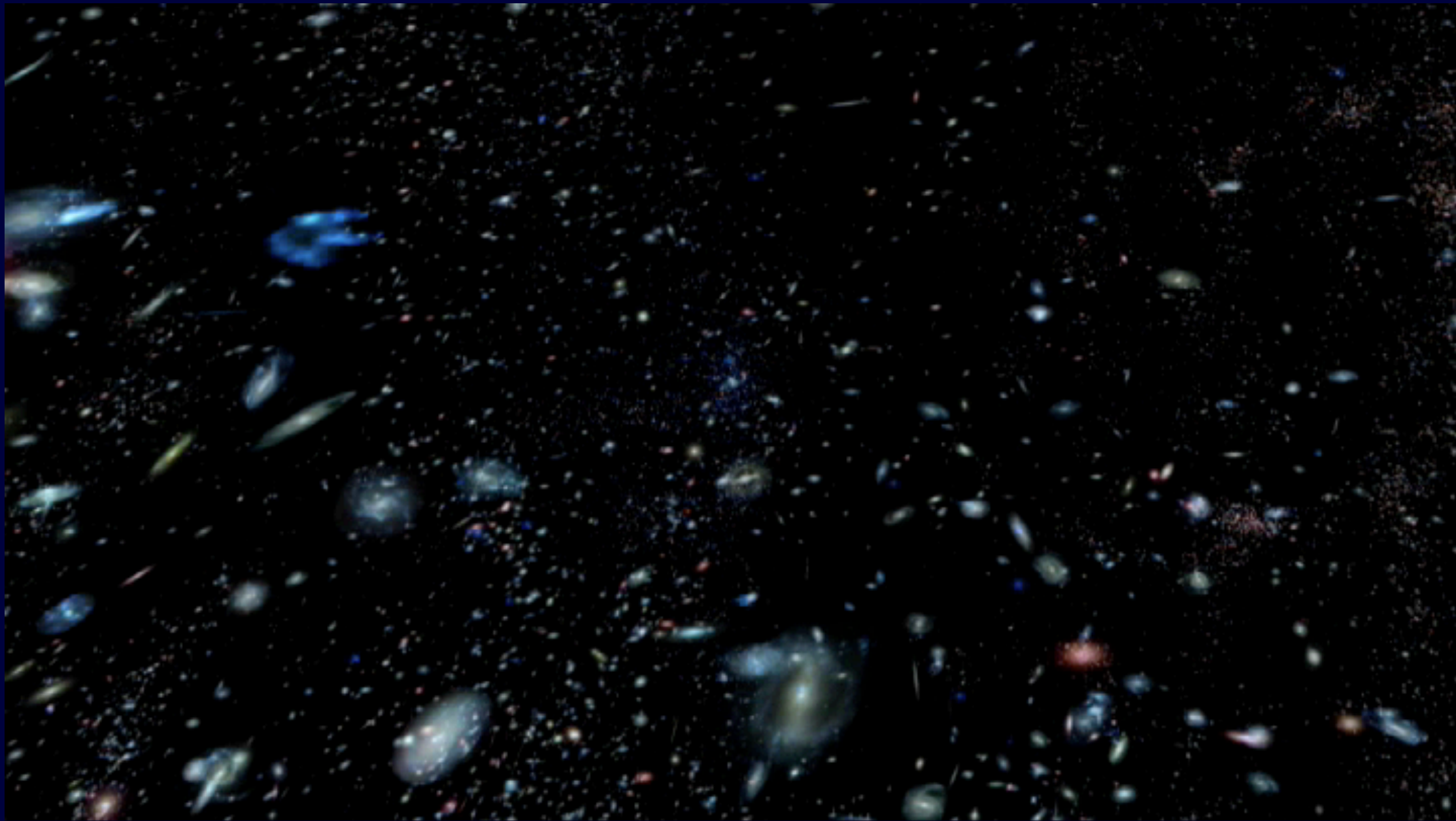


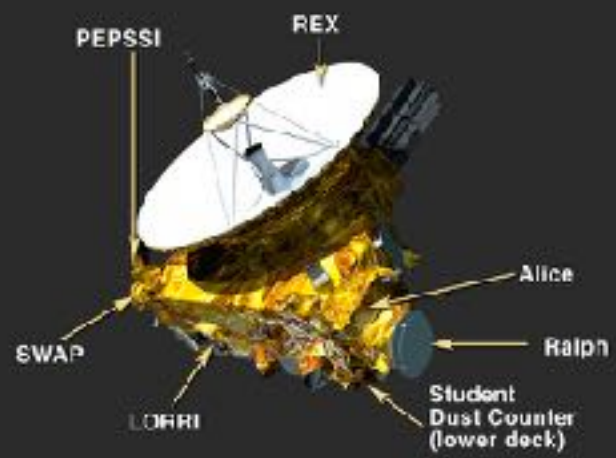
First CfA Strip

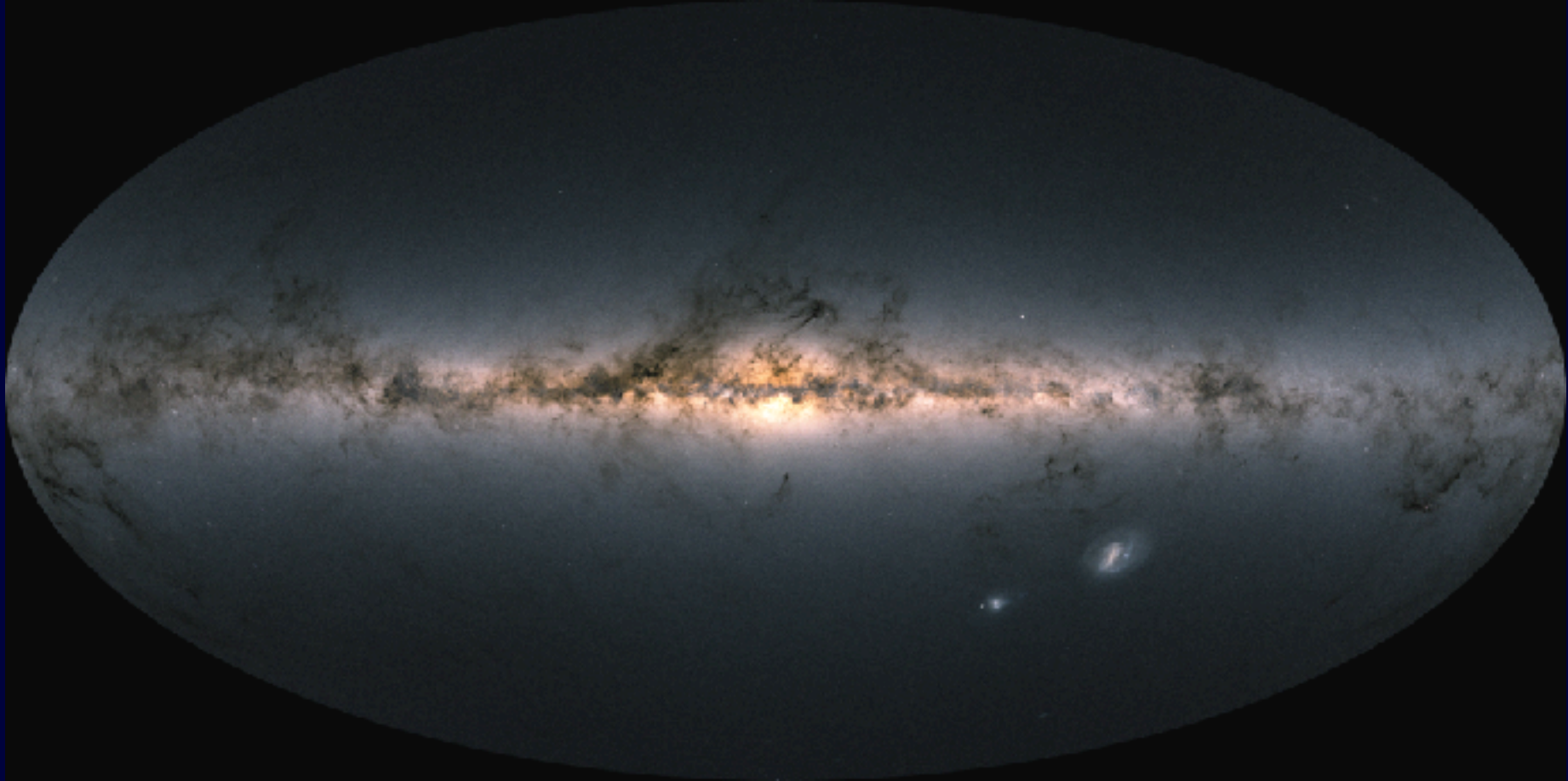
$26.5 \leq \delta < 32.5$
 $m_B \leq 15.5$

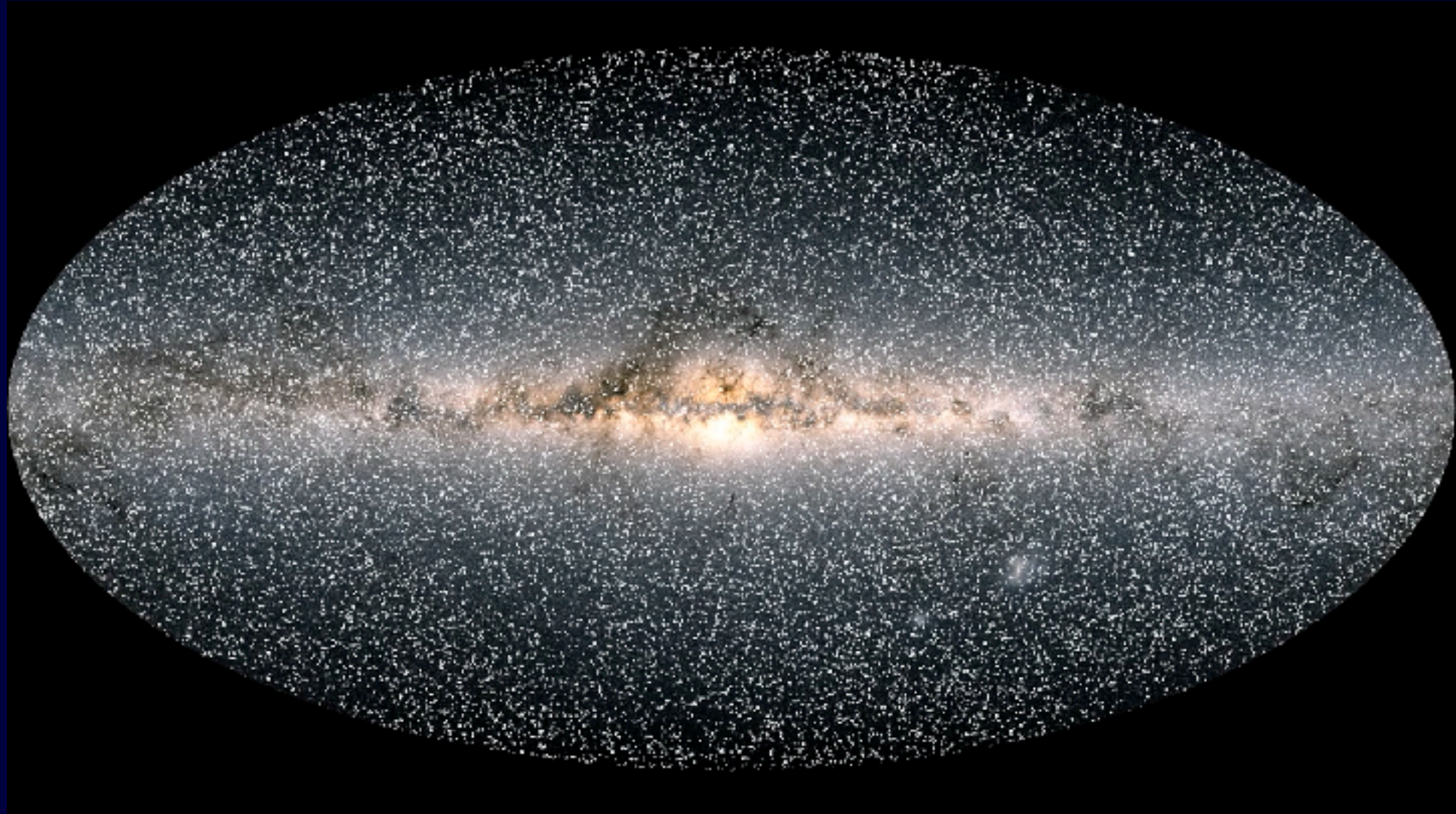
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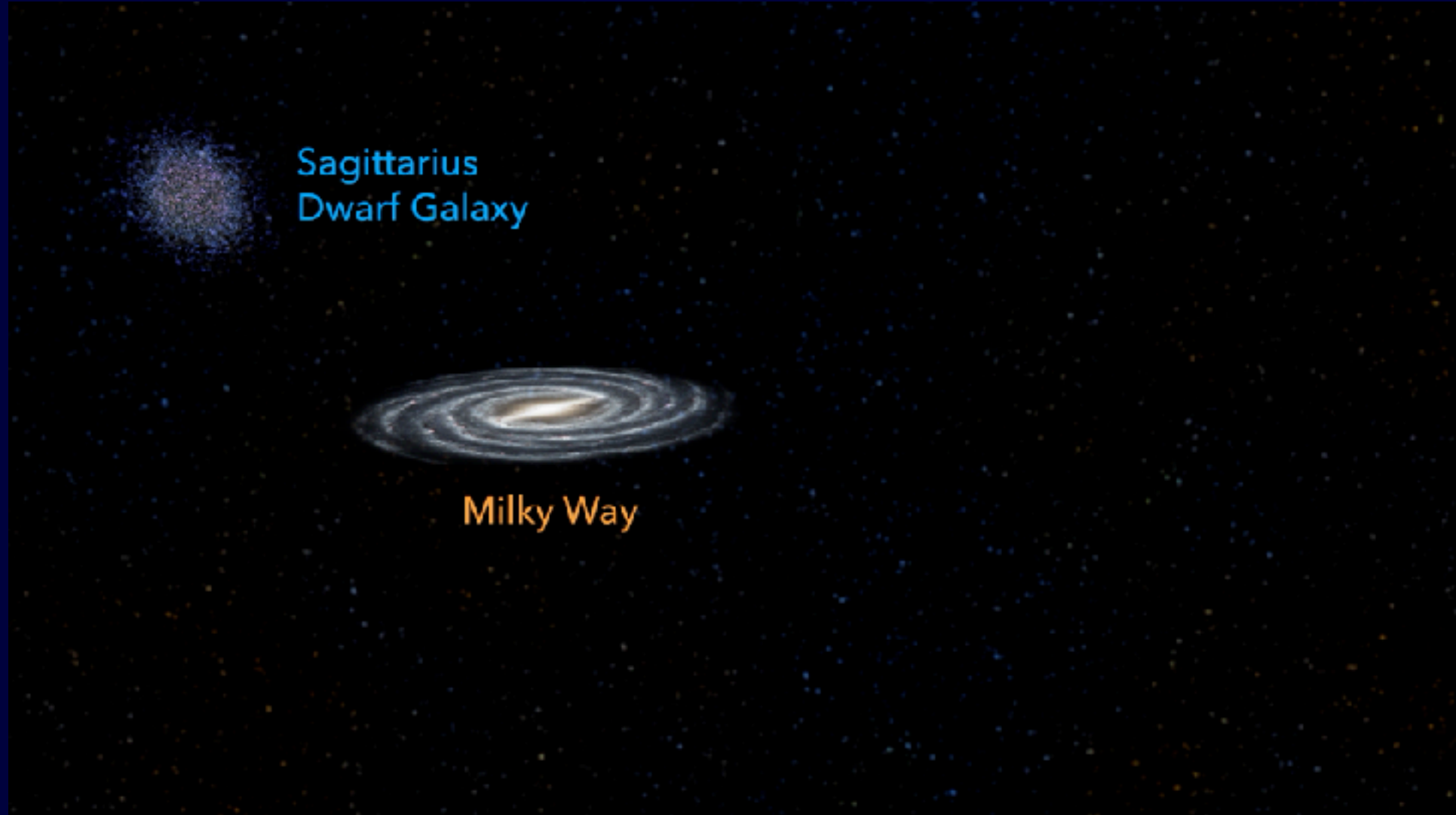




Credit: A. Fattahi (ICC, Durham) and the Auriga Collaboration



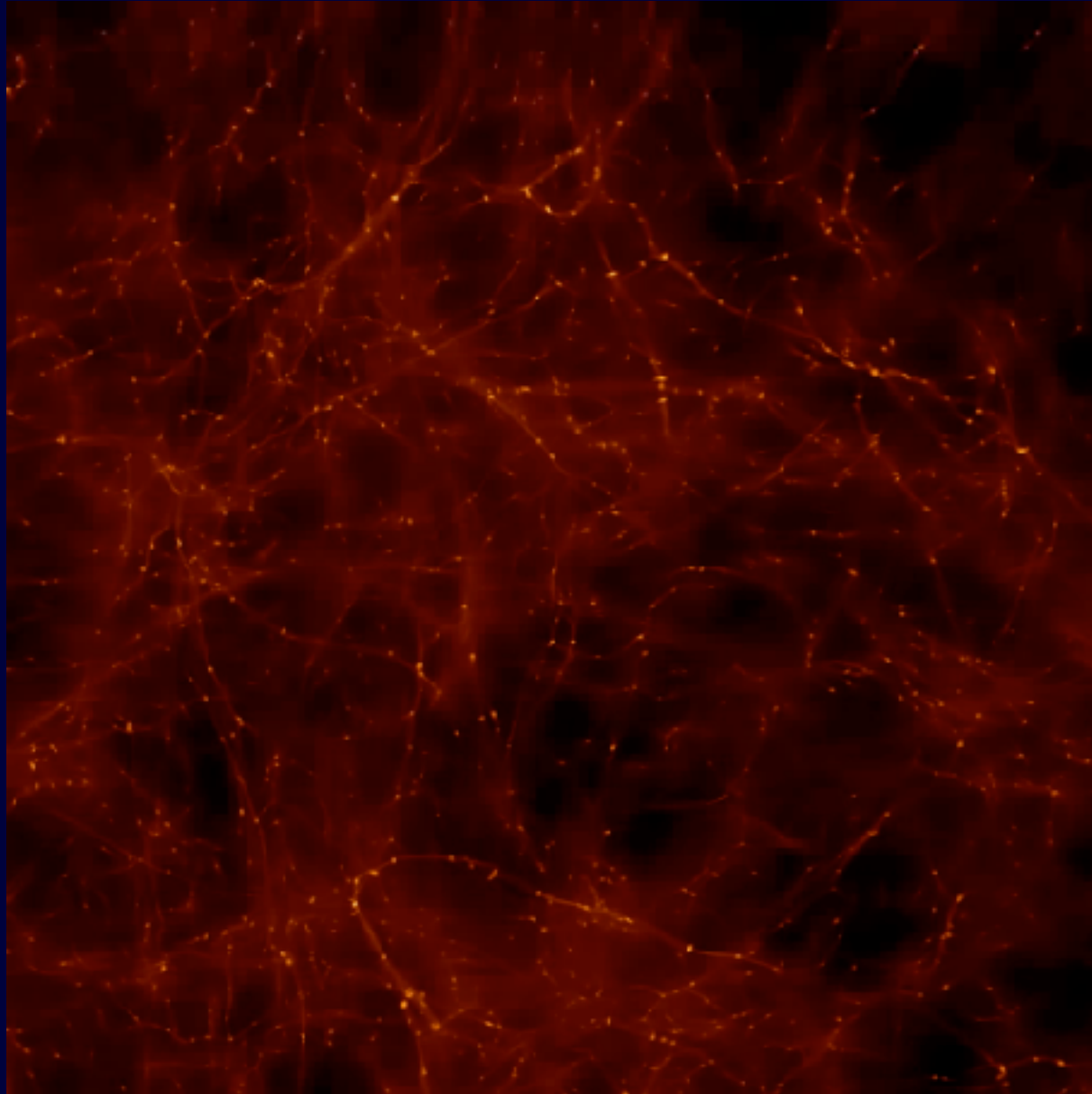






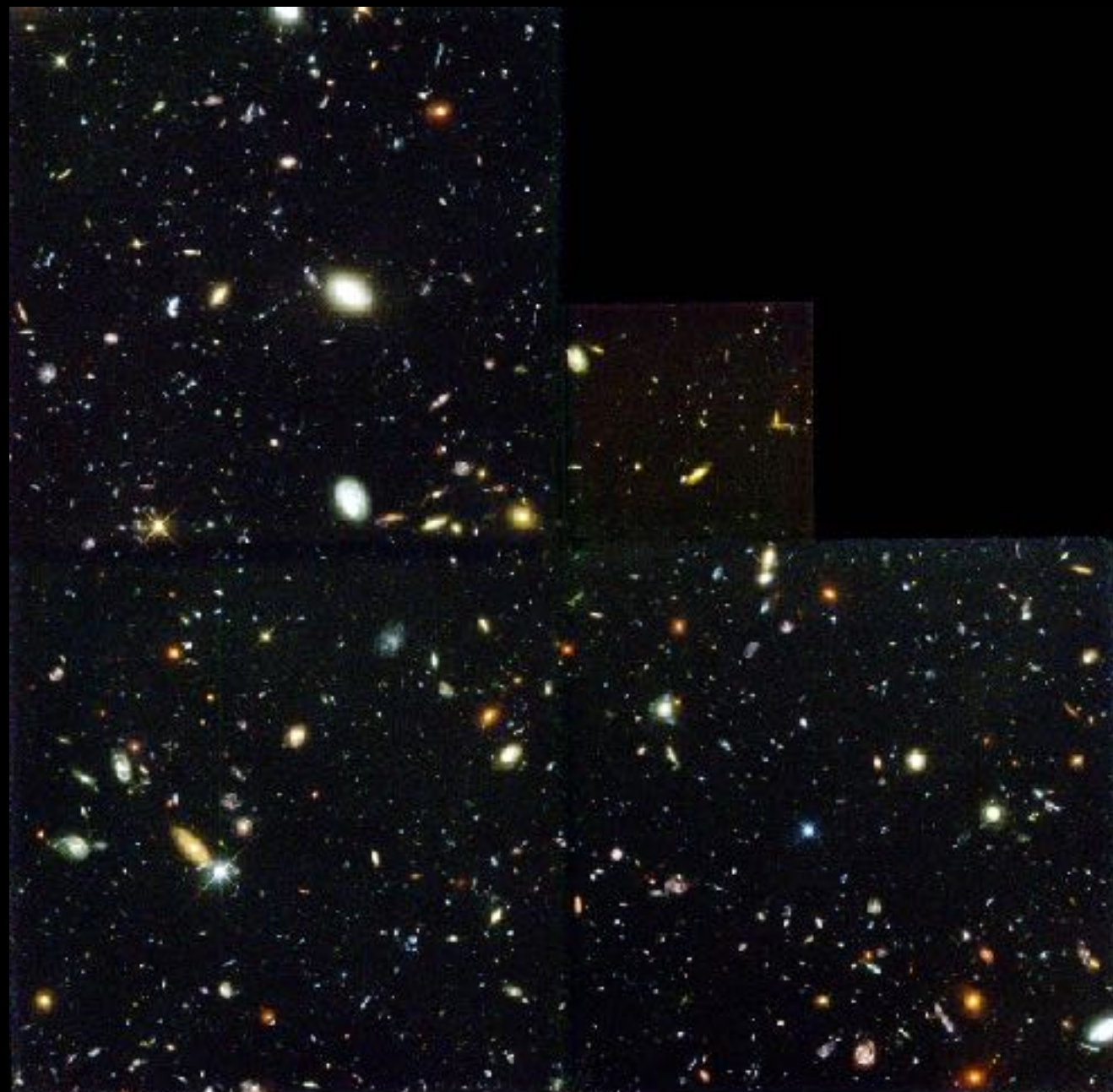
2.918 billion years





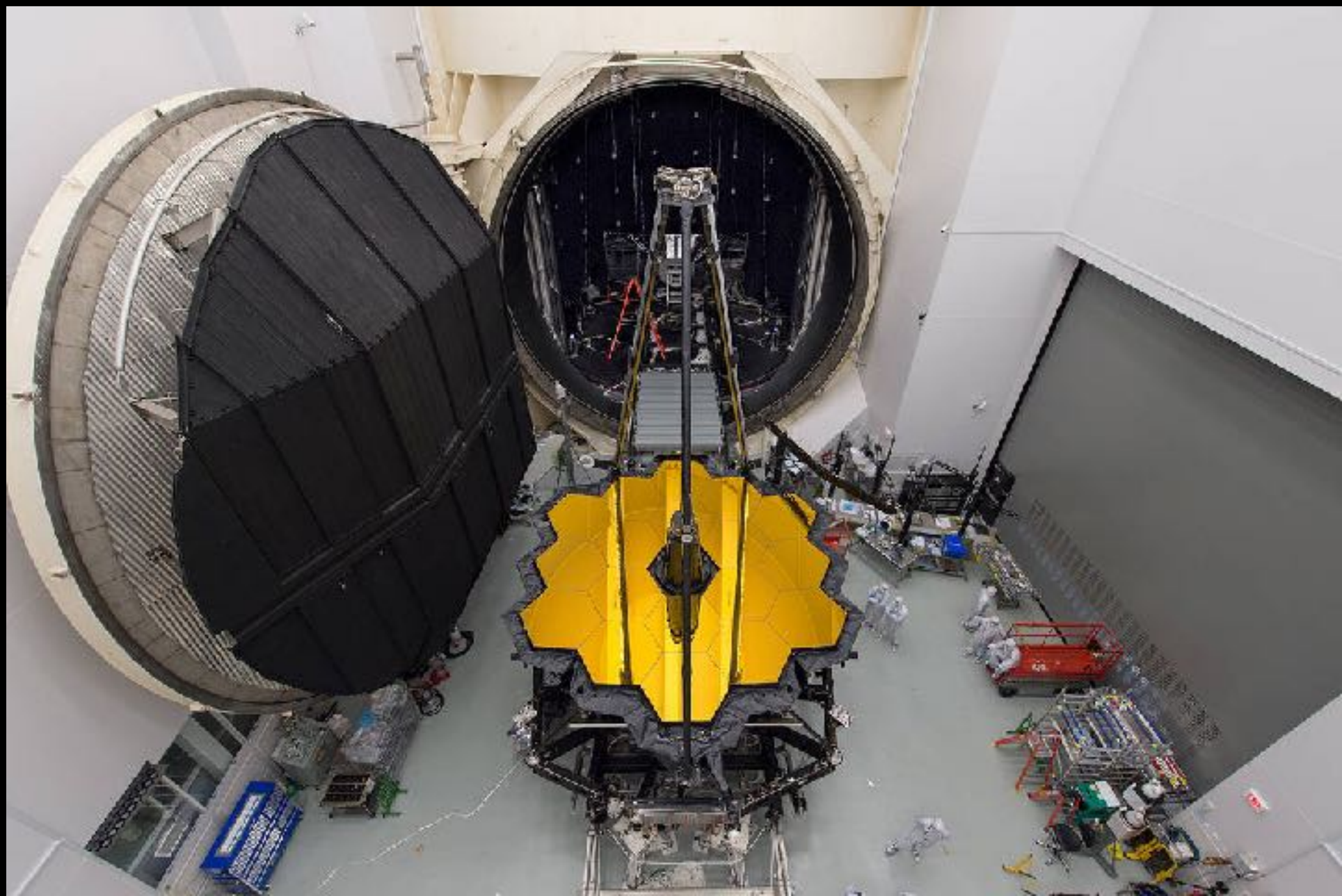


Credit: Will Gater

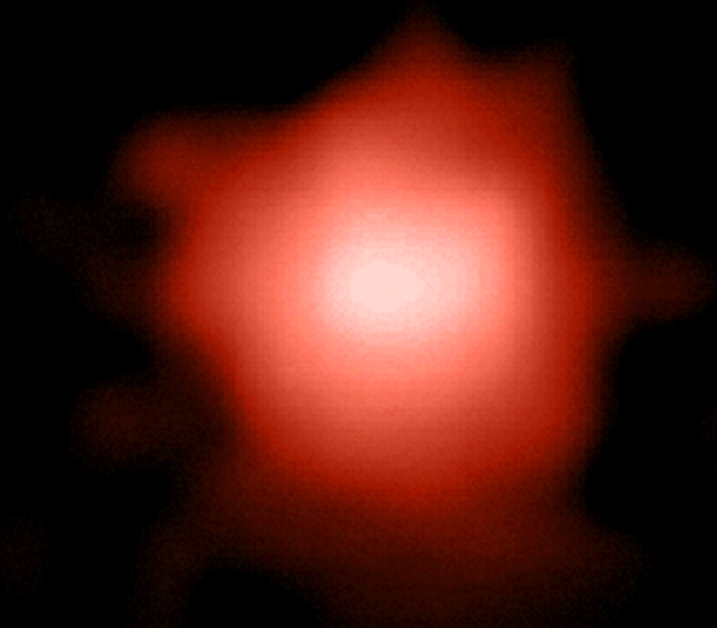


Hubble Deep Field
STC11000: January 11, 1994. 3. William and John M. Traub (ST Scopus B&E)

HST WFPC2

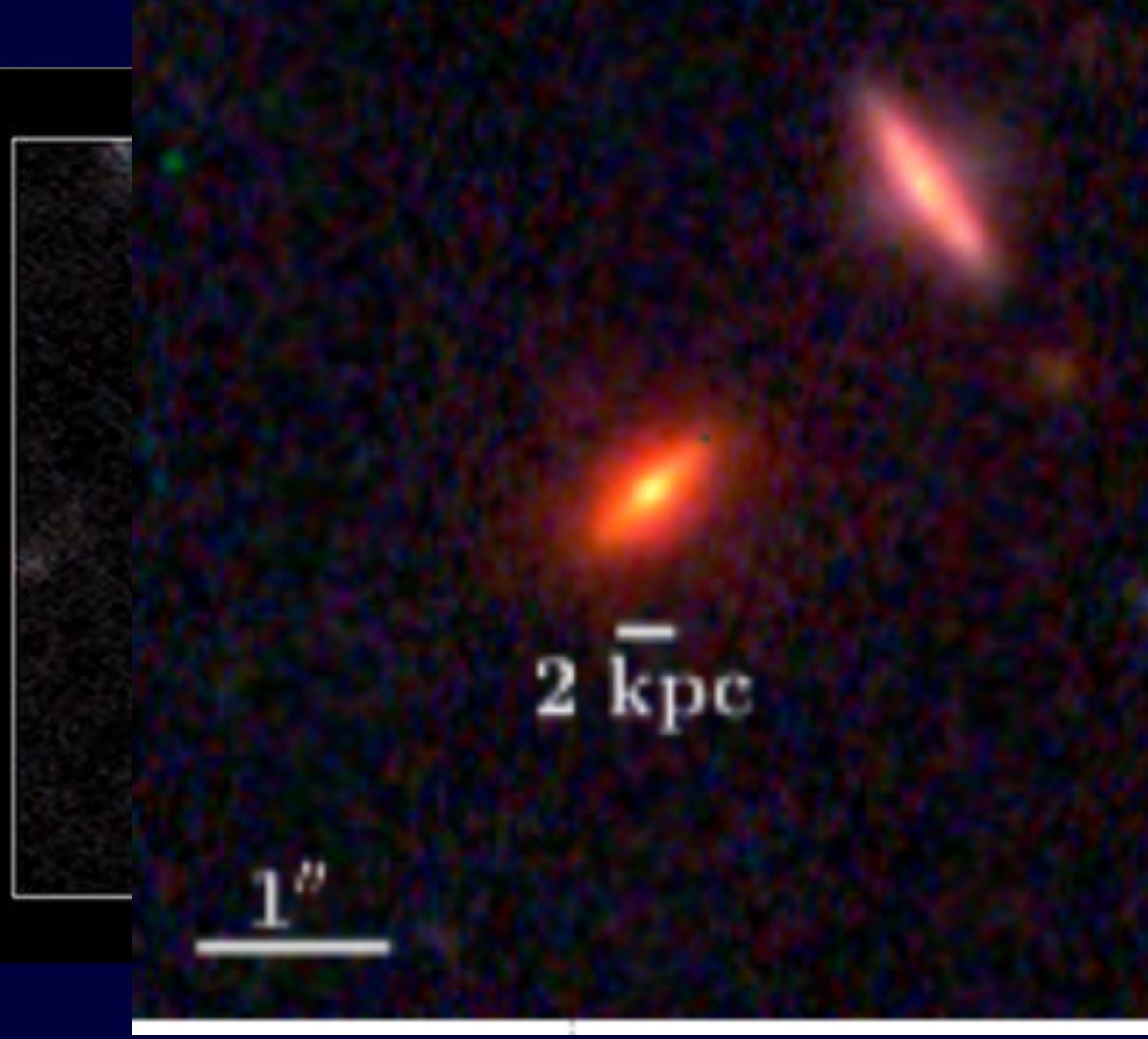






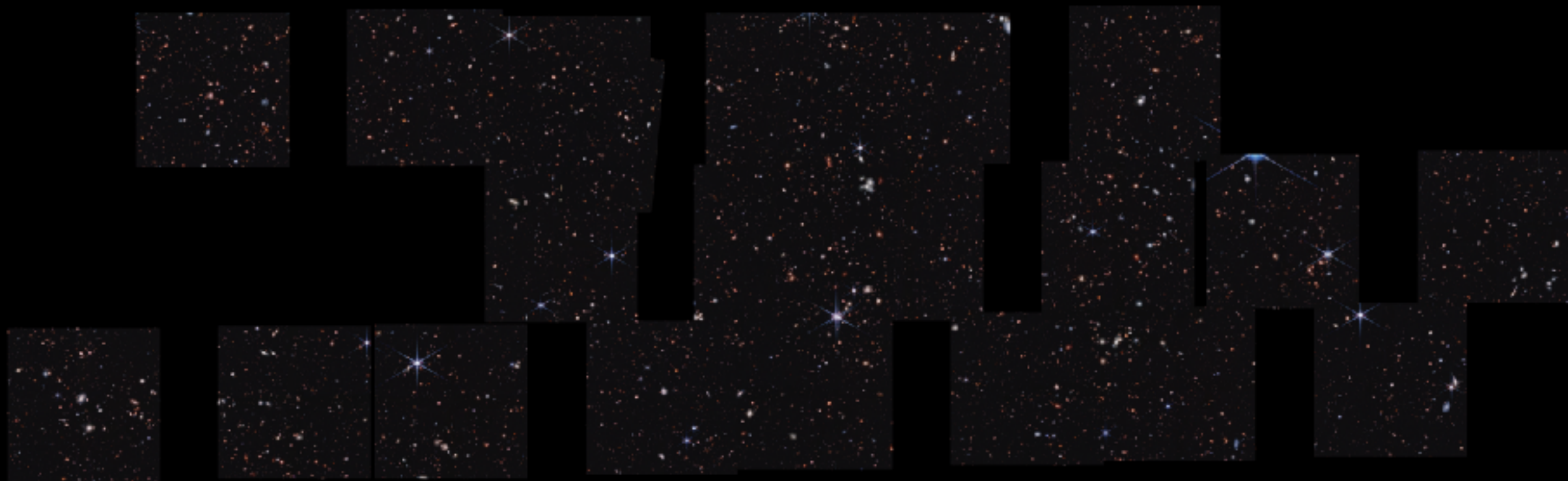
Zoom in on GLASS-z13 in JWST NIRCам (Naidu et al. 2022). Image: Pascal Oesch (University of Geneva & Cosmic Dawn Center, Niels Bohr Institute, University of Copenhagen). Raw data: T. Treu (UCLA) and GLASS-JWST. NASA/CSA/ESA/STScI

Abell 2744 GLASS
JWST/NIRCam



$z \sim 12.5$

2



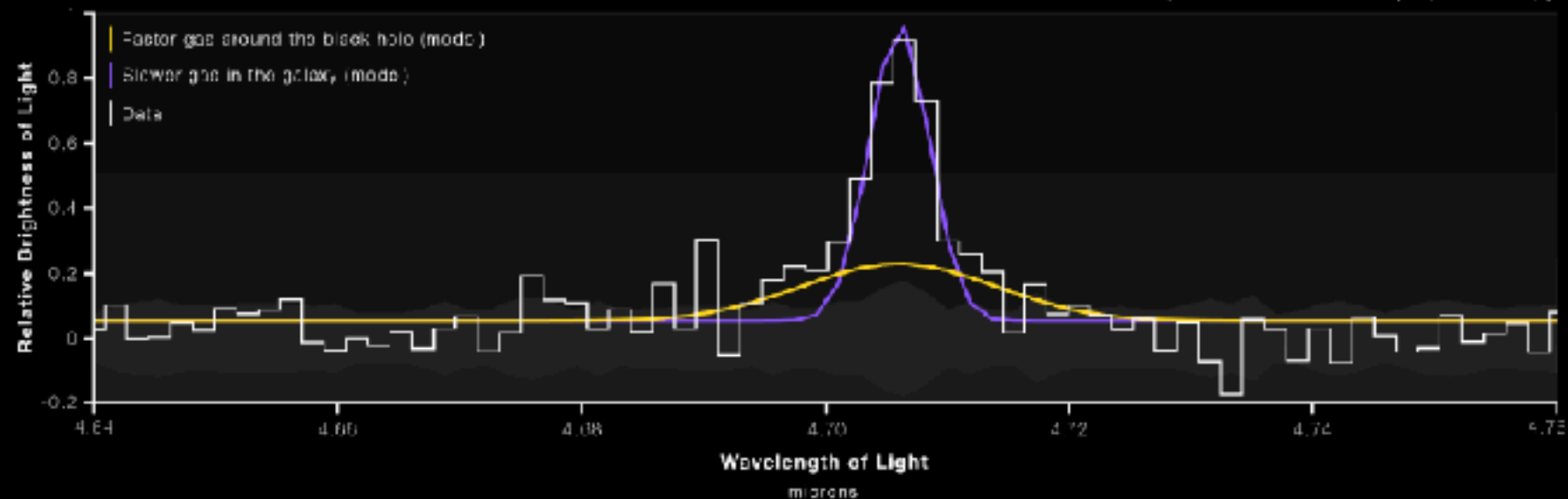
COSMIC EVOLUTION EARLY RELEASE SCIENCE (CEERS) SURVEY

BLACK HOLE EXISTED 570 MILLION YEARS AFTER BIG BANG

NIRCam Imaging



NIRSpec Microshutter Array Spectroscopy



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