

Where did all the stars come from?

A light-speed tour of the universe

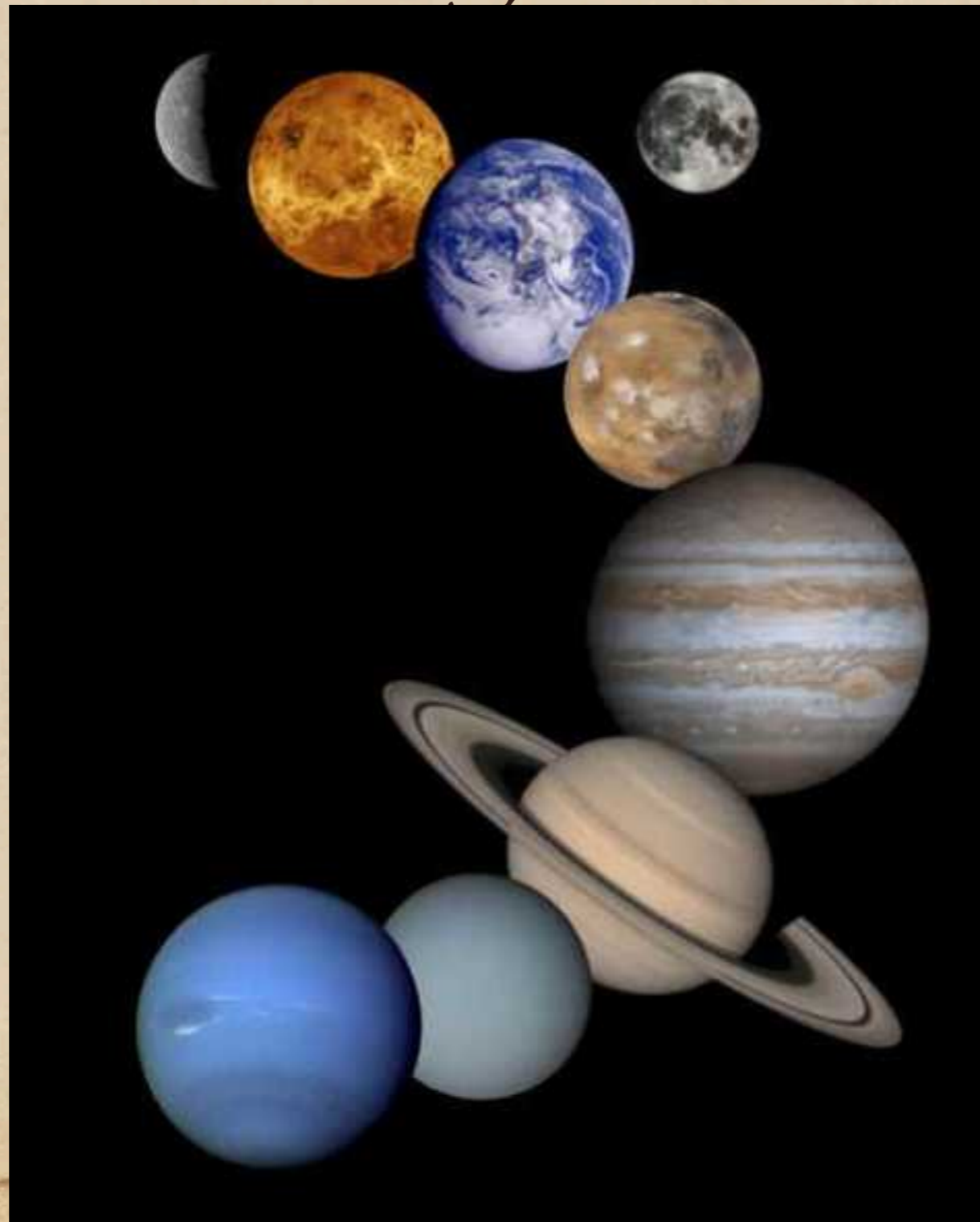
Andrew Hopkins
Australian Astronomical Observatory



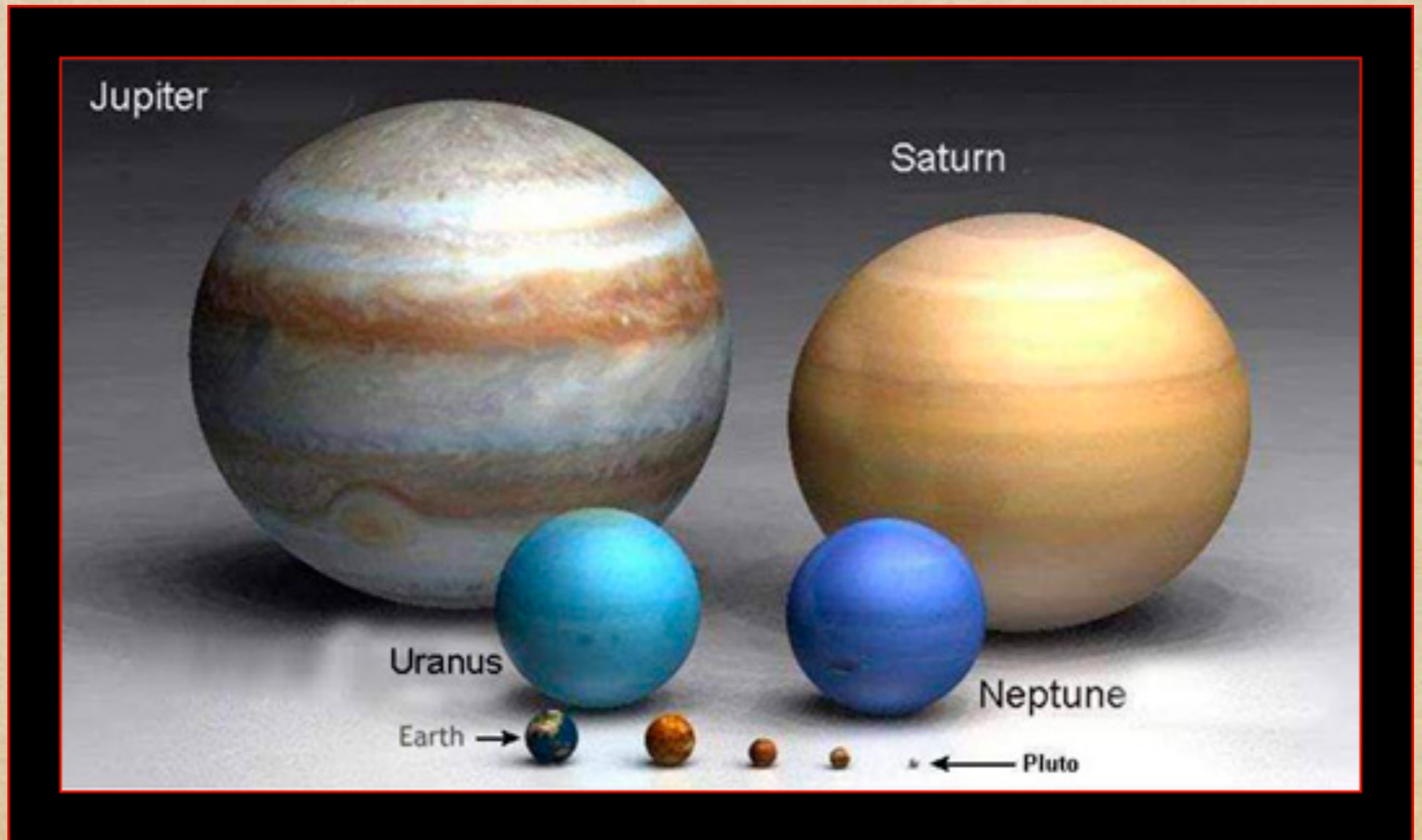
Australian Government
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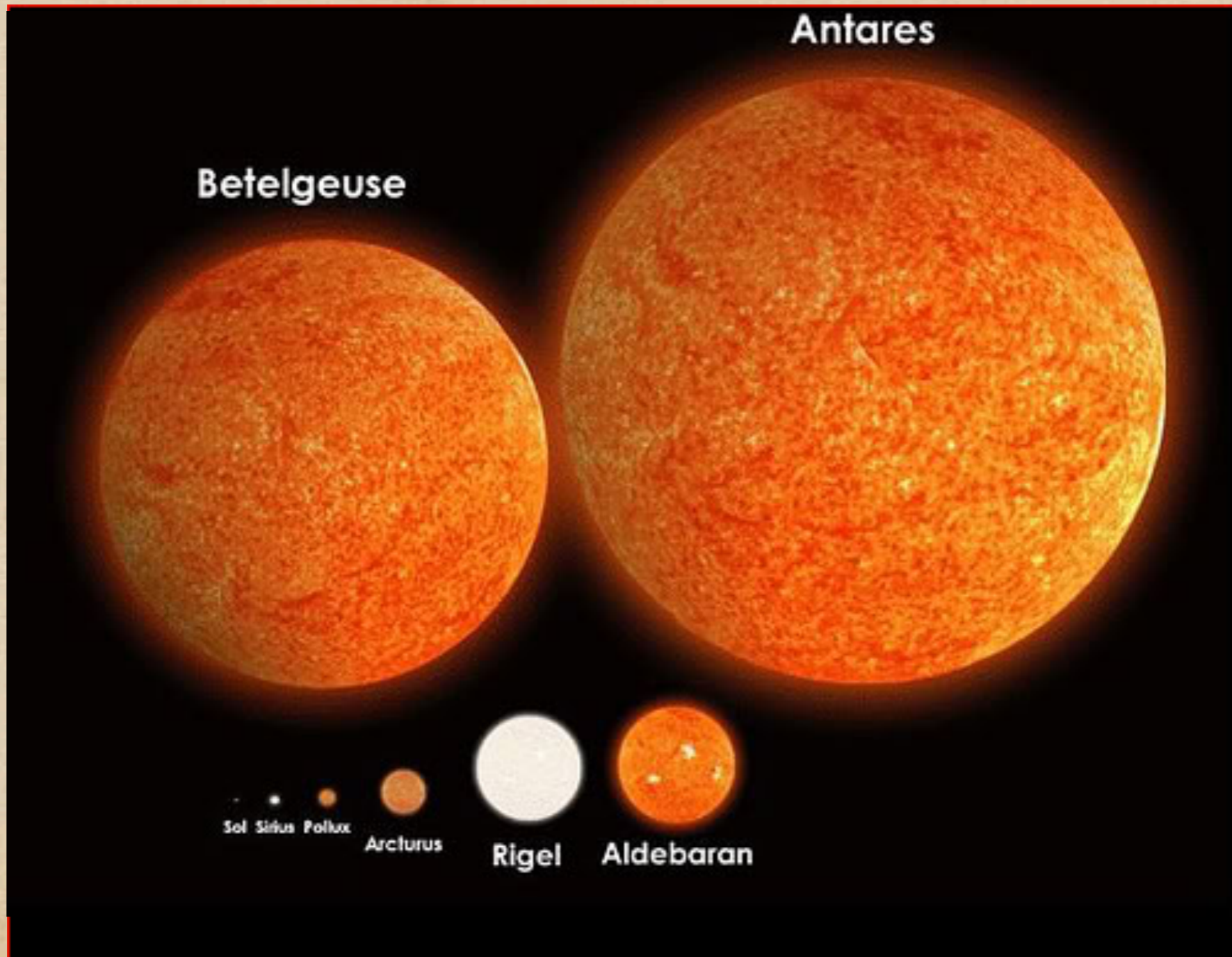
Our Solar System



Planets (To Scale)



Our Star: The Sun



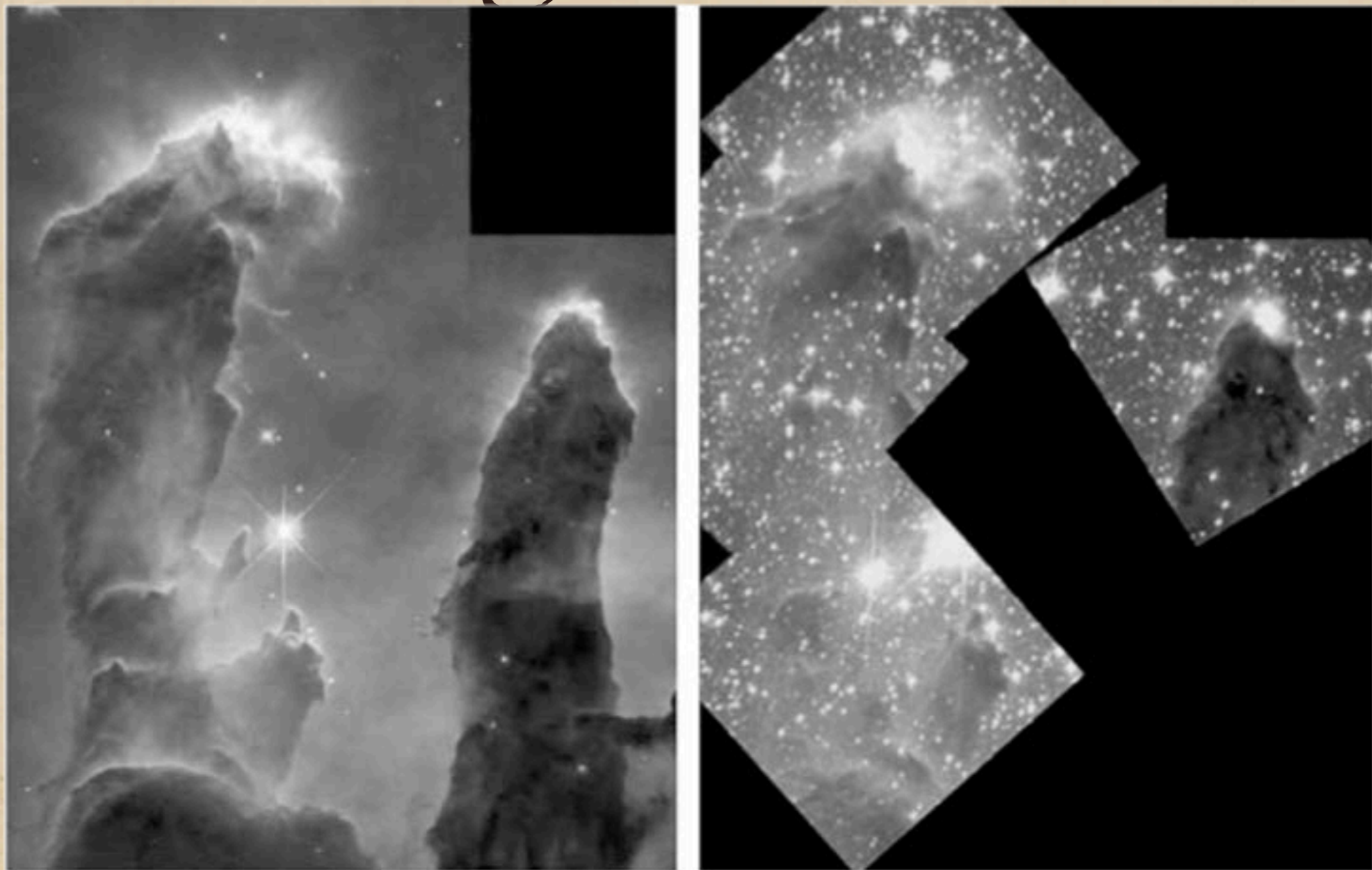
Our Milky Way Galaxy



Birth: Star forming regions




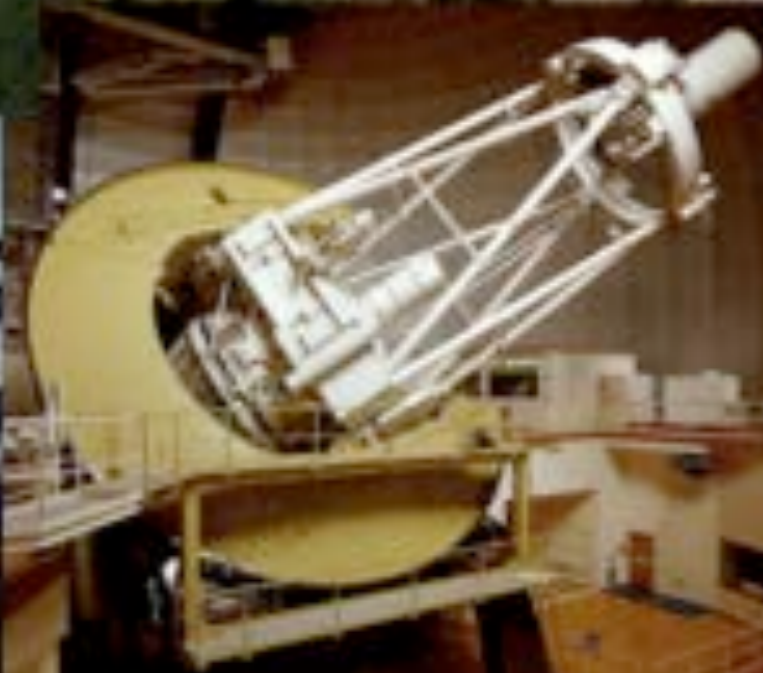
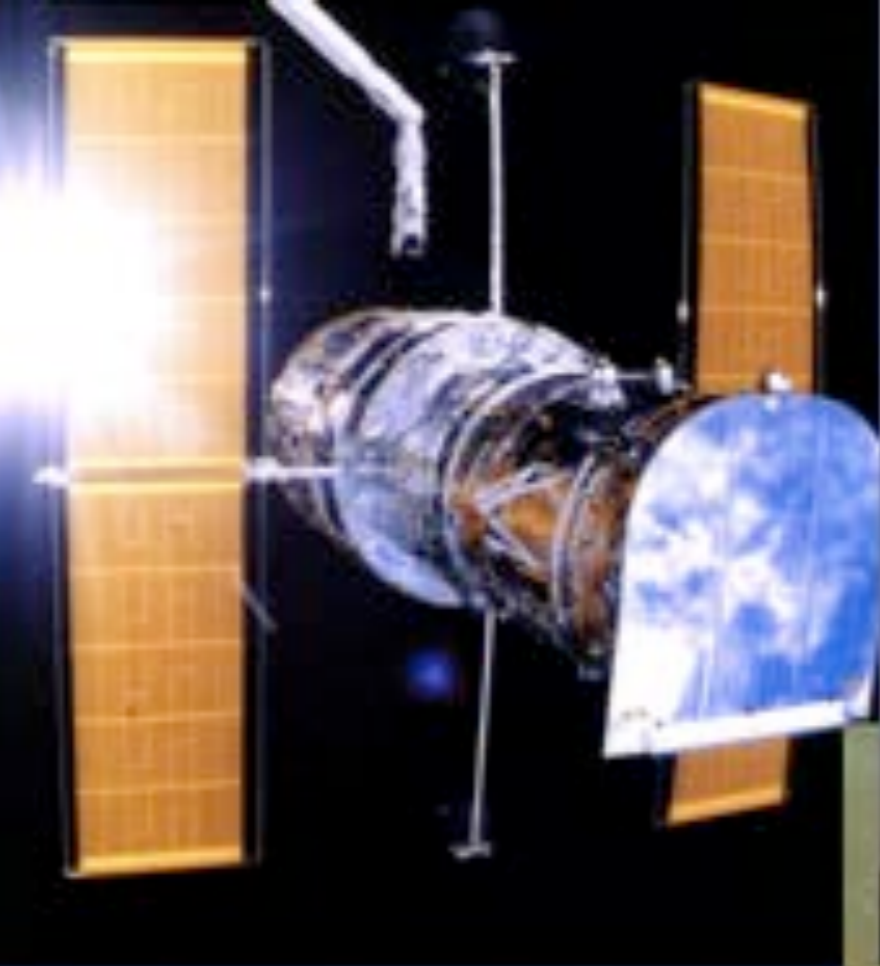
Eagle Nebula



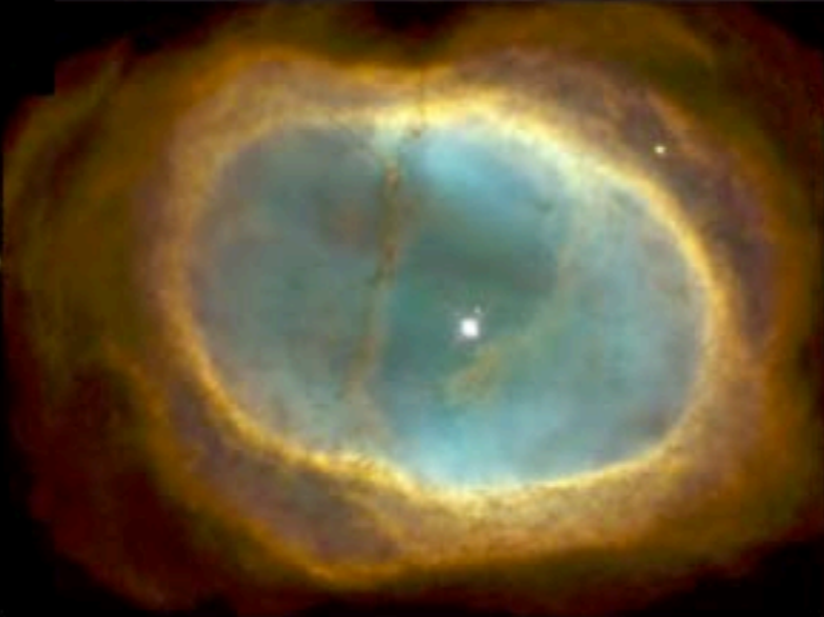
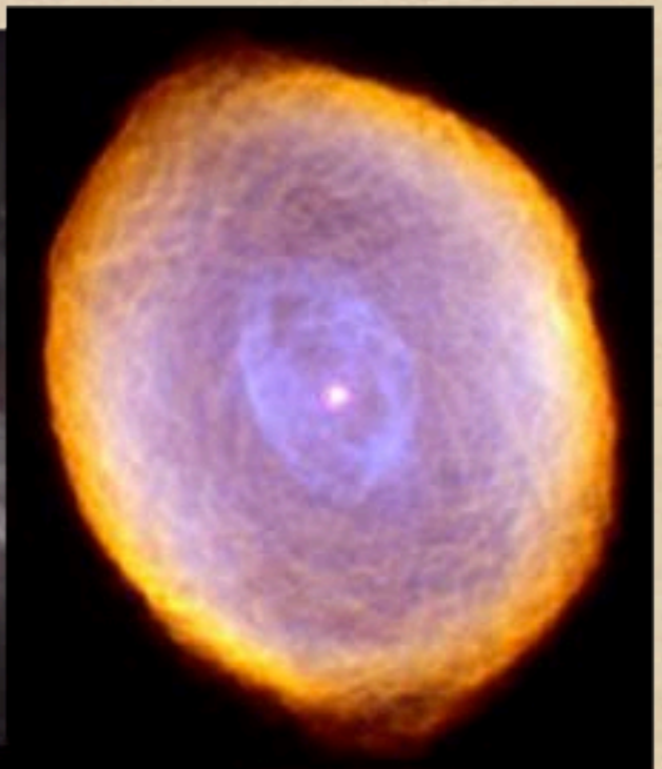
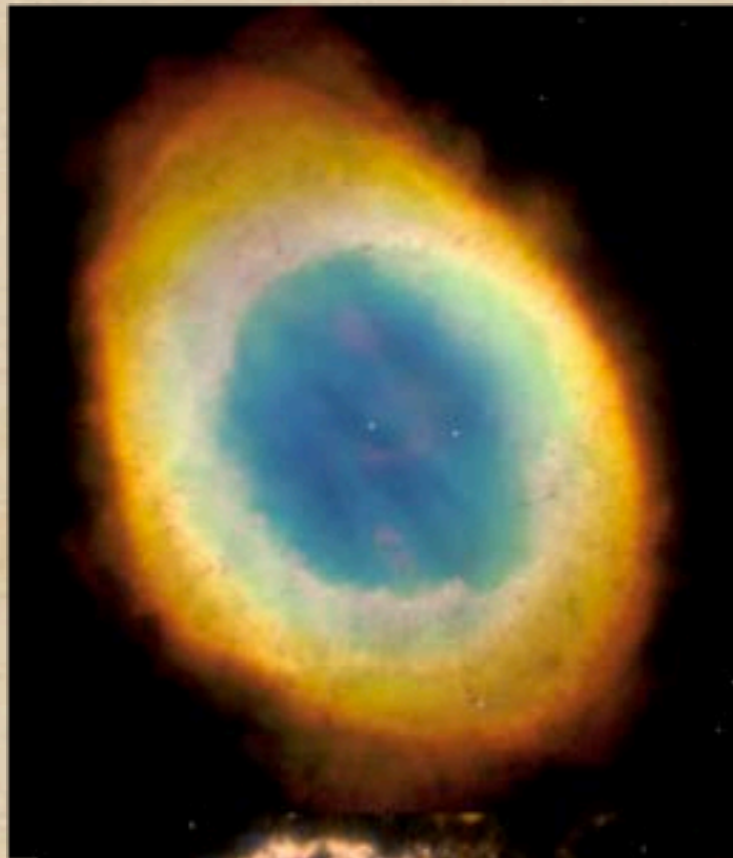
 UK Astrophysical
Fluids Facility



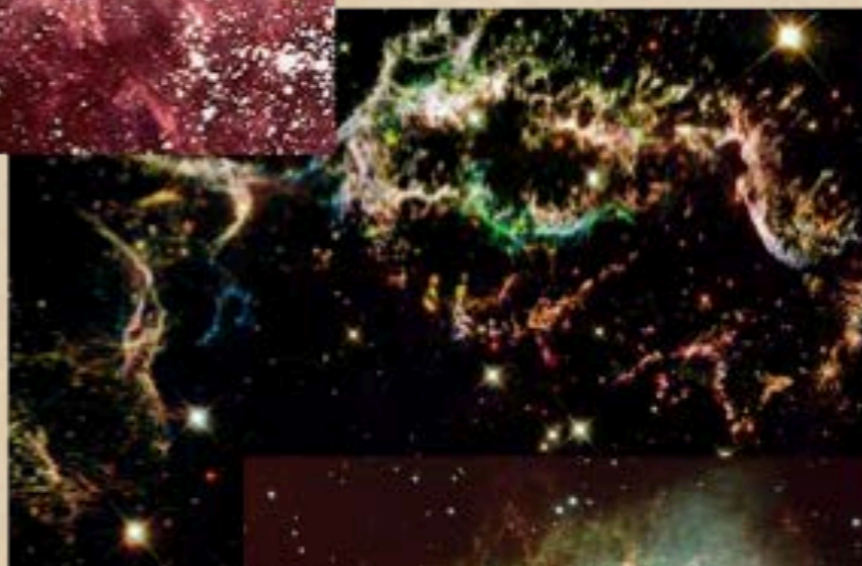
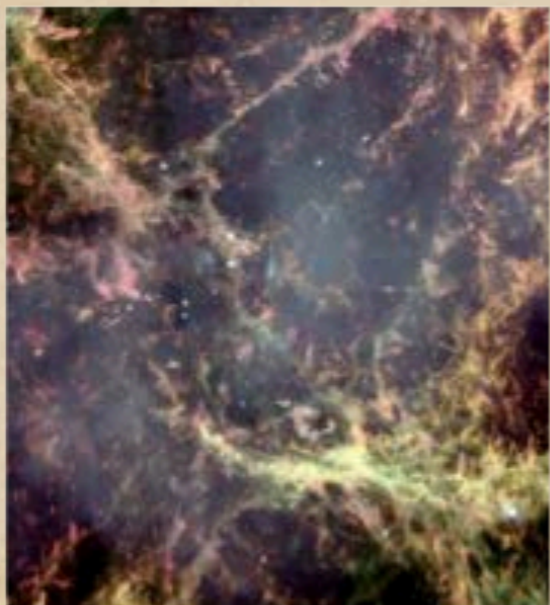
Matthew Bate 



Death 1: Planetary Nebulae



Death 2: Supernovae





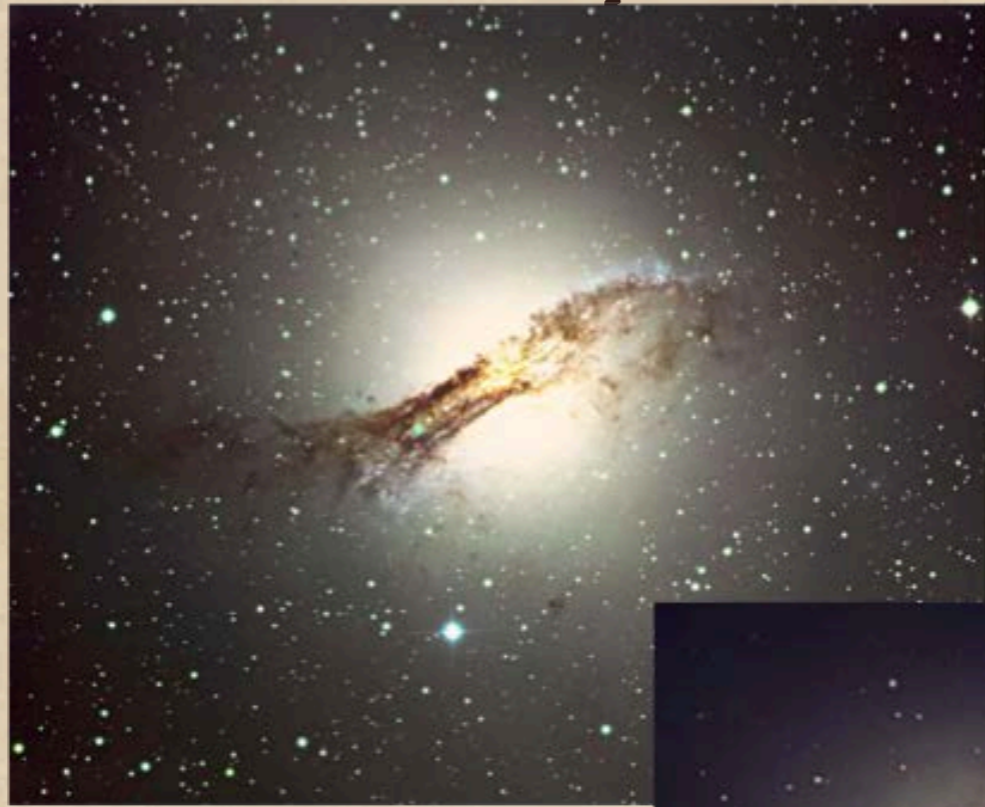
Spiral Galaxies

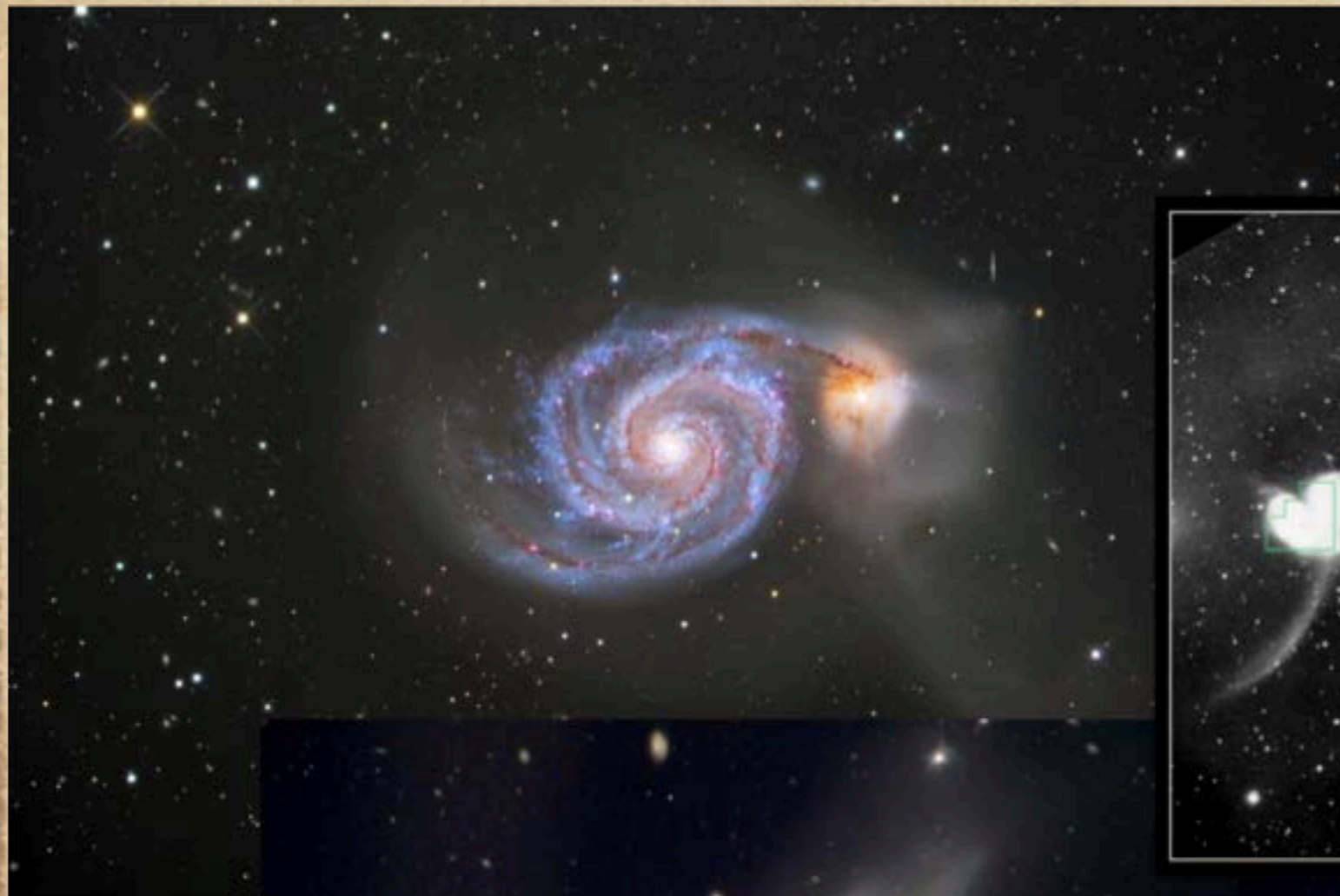


Star formation in galaxies



Elliptical Galaxies





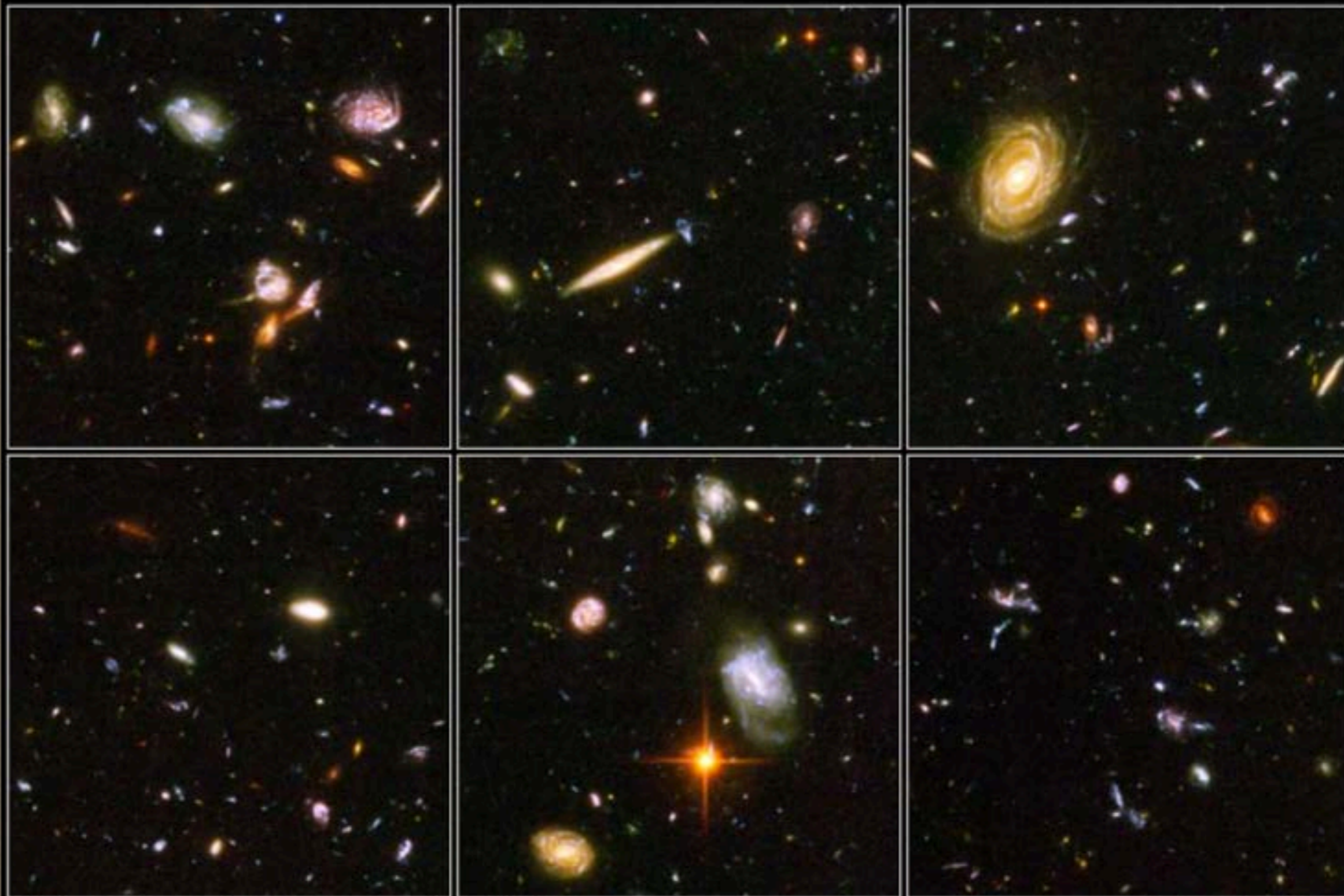


0.000 Gyr

Milky Way

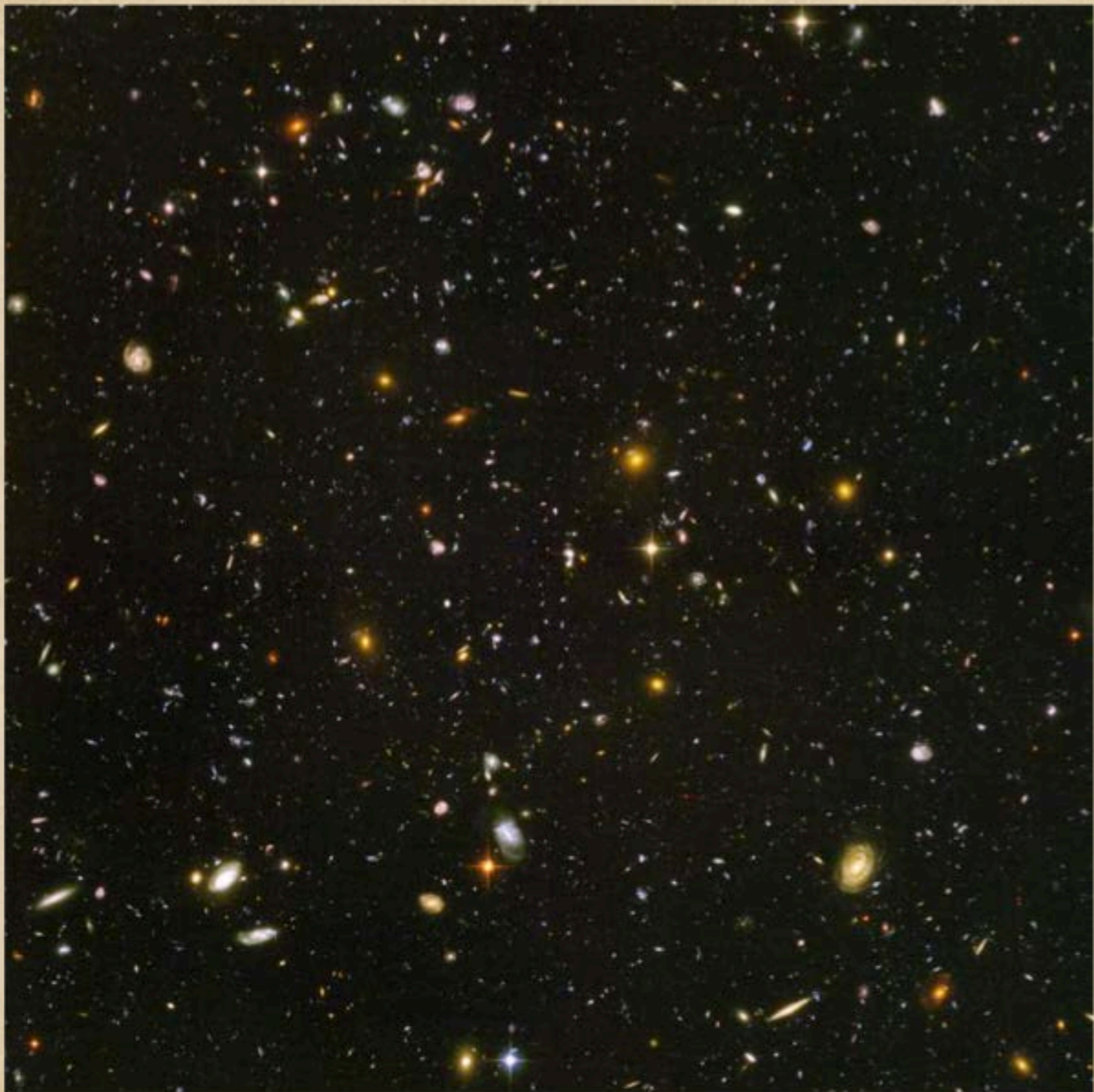
Hubble Ultra Deep Field Details

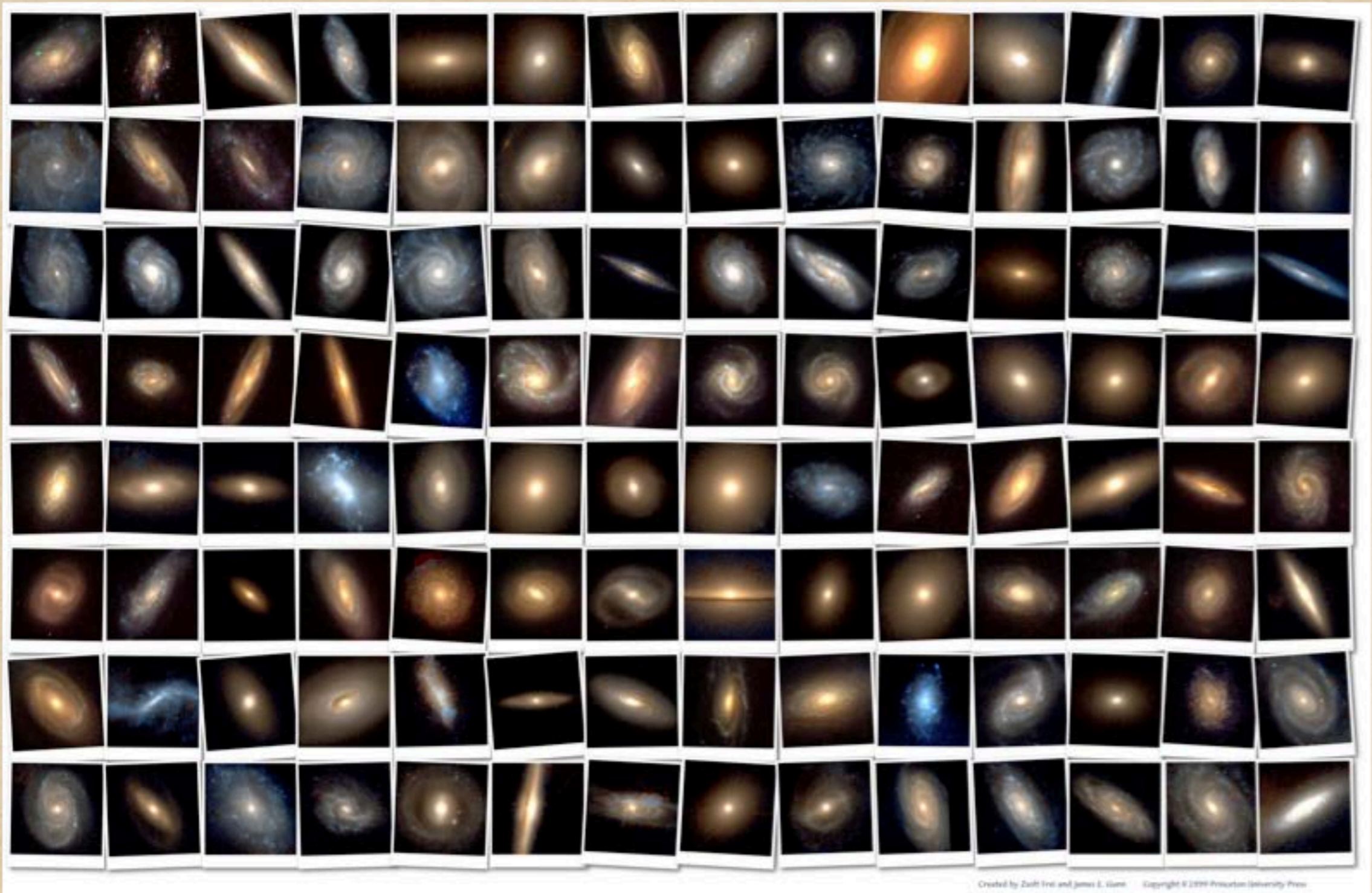
HST ■ ACS



NASA, ESA, S. Beckwith (STScI) and The HUDF Team

STScI-PRC04-07c





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Galaxy Evolution

$z > 3-6$



$1 < z < 3$



$z < 0.5$

