

Galaxies

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Australian Government
Department of Innovation
Industry, Science and Research





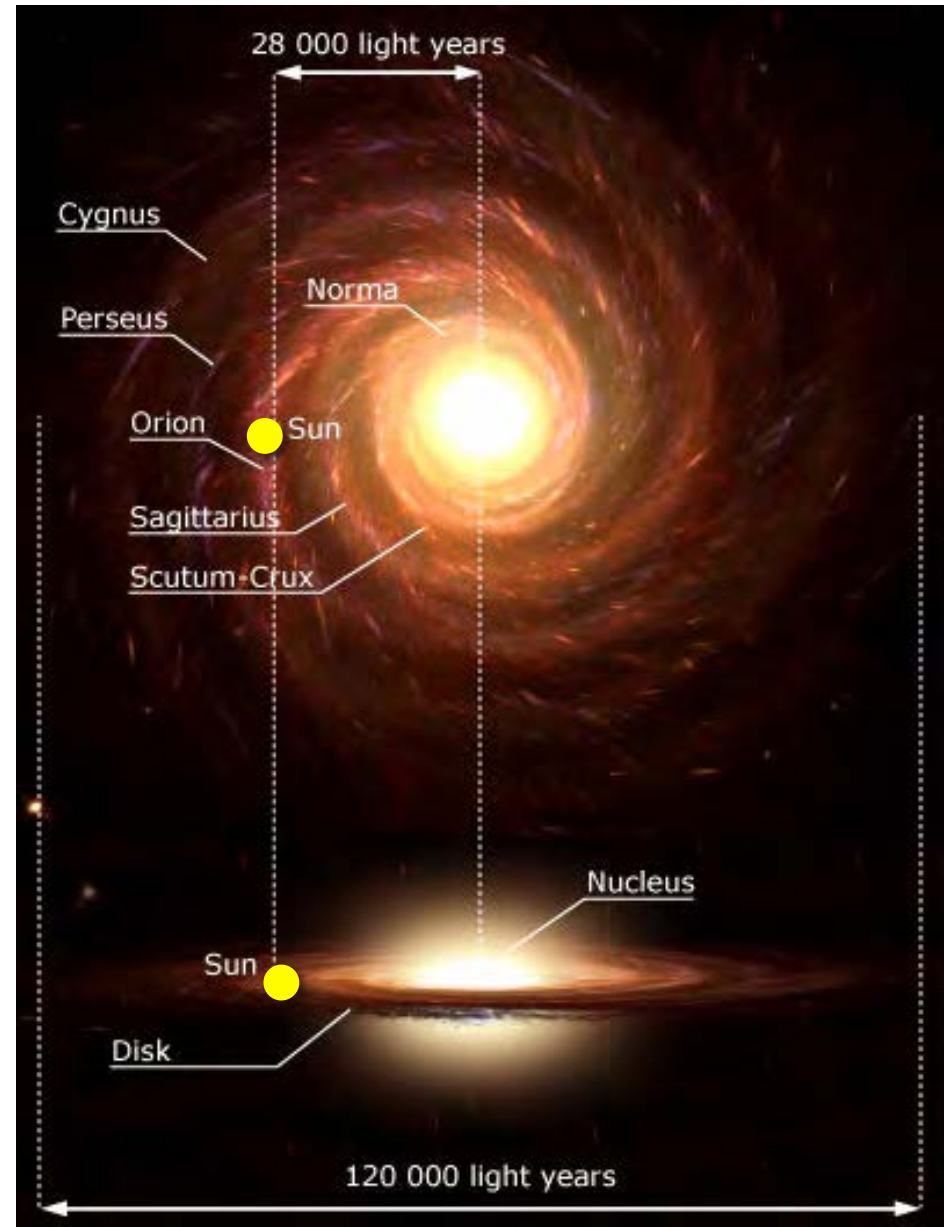
Miloslav Druckmuller



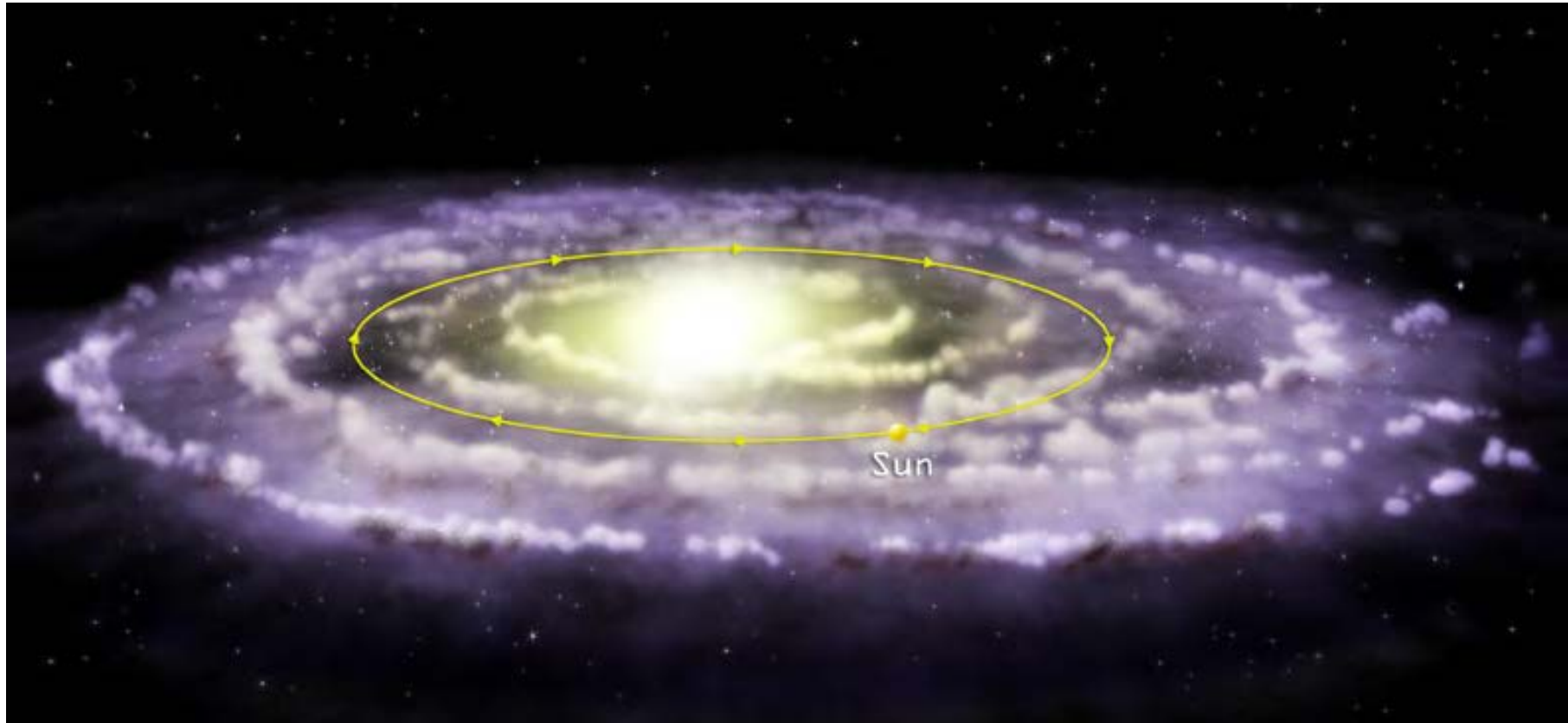
NGC 4565

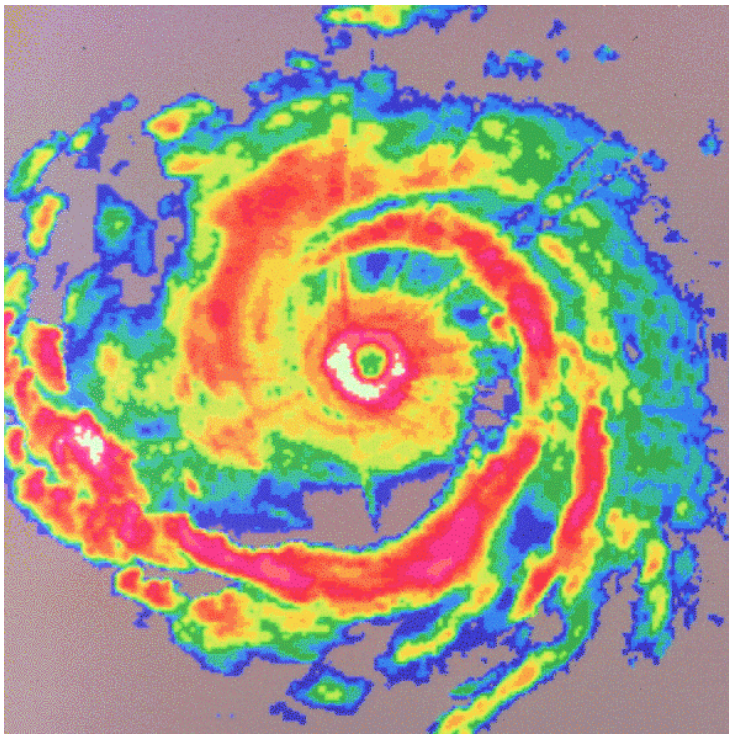
Our Milky Way Galaxy

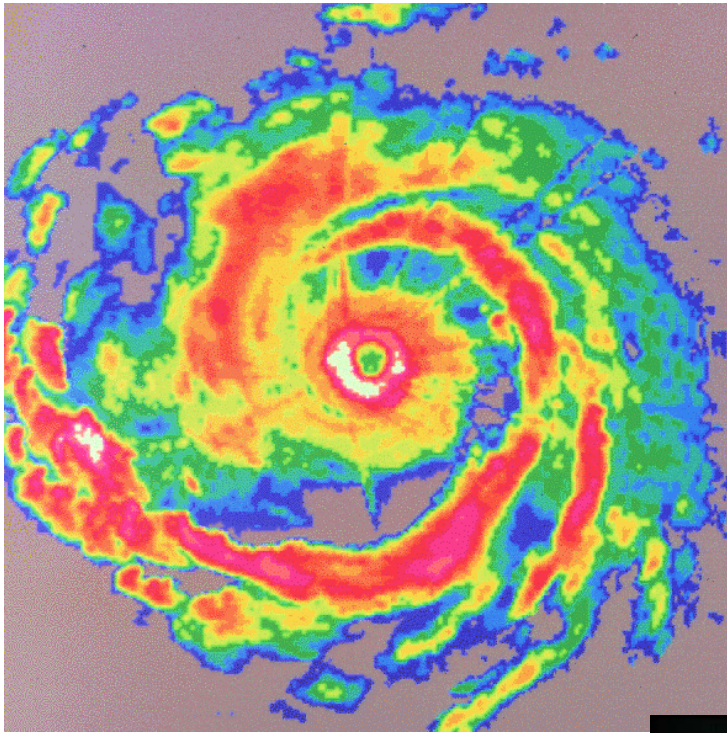
- 400,000,000,000 stars!
- super massive black hole
- gas
- dust
- supernovae
- spiral arms
- star clusters



The Solar System orbits around the Galaxy





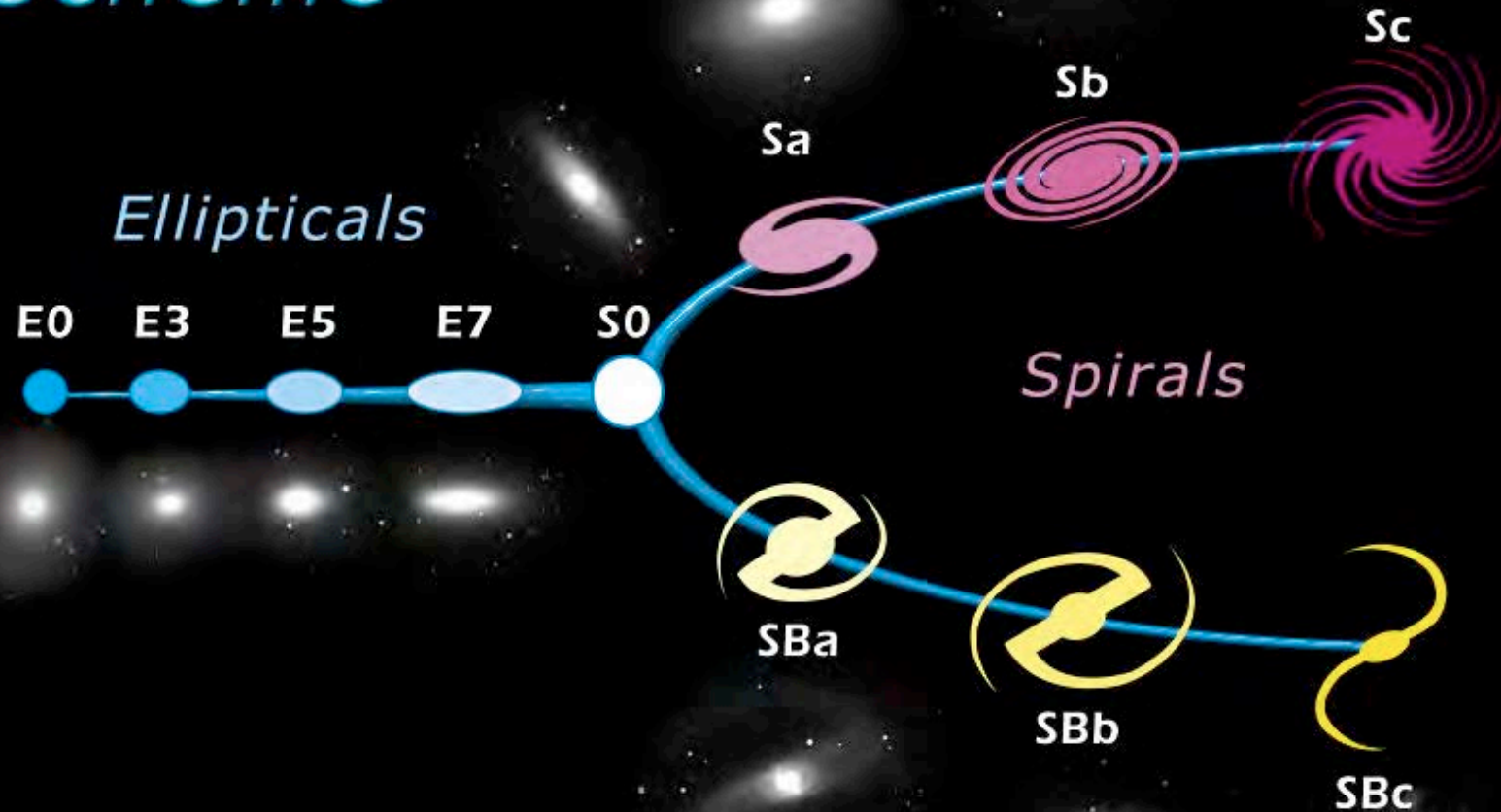


Hurricane Hugo

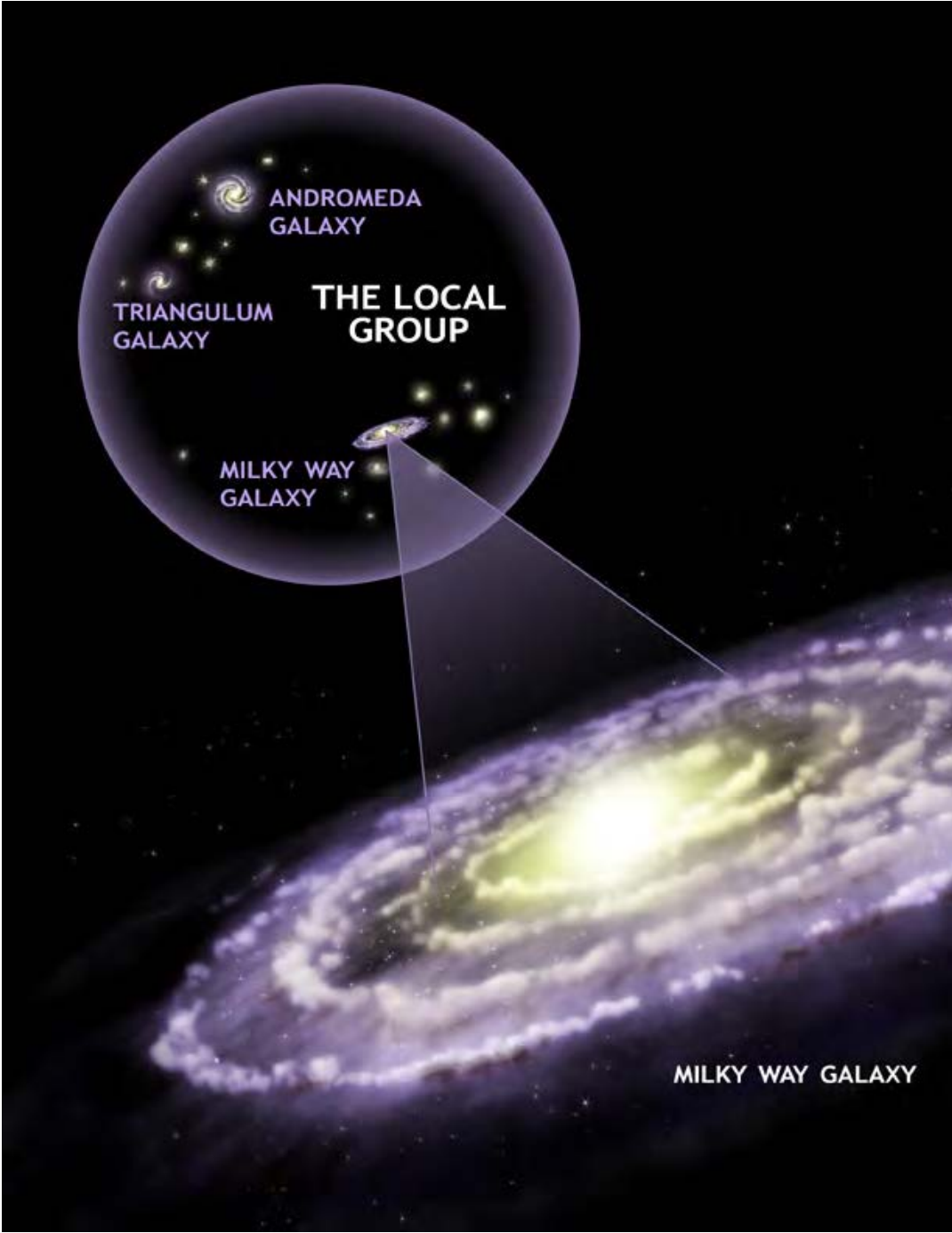


Whirlpool Galaxy
M51

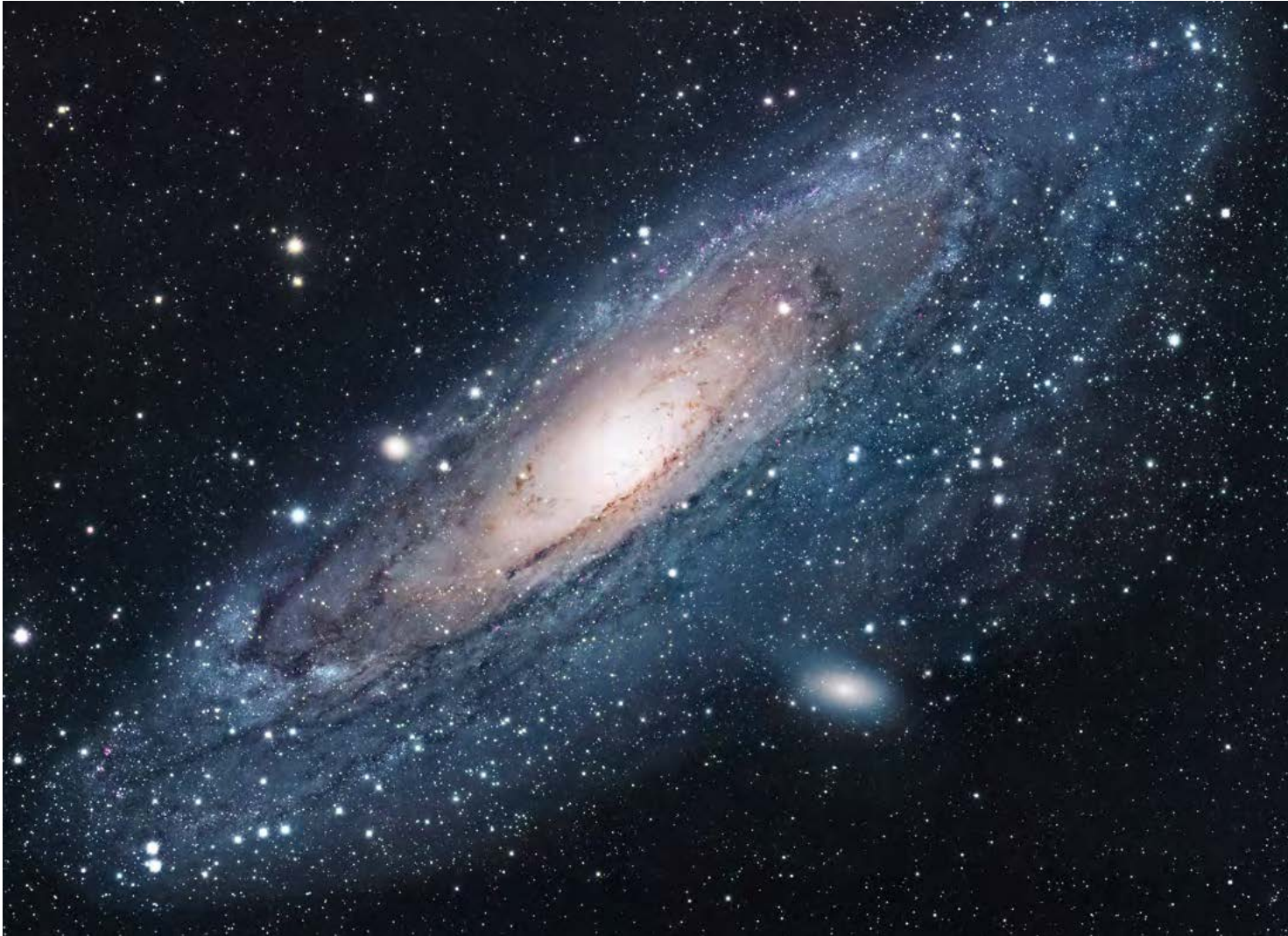
Edwin Hubble's Classification Scheme







Andromeda (M31) Galaxy



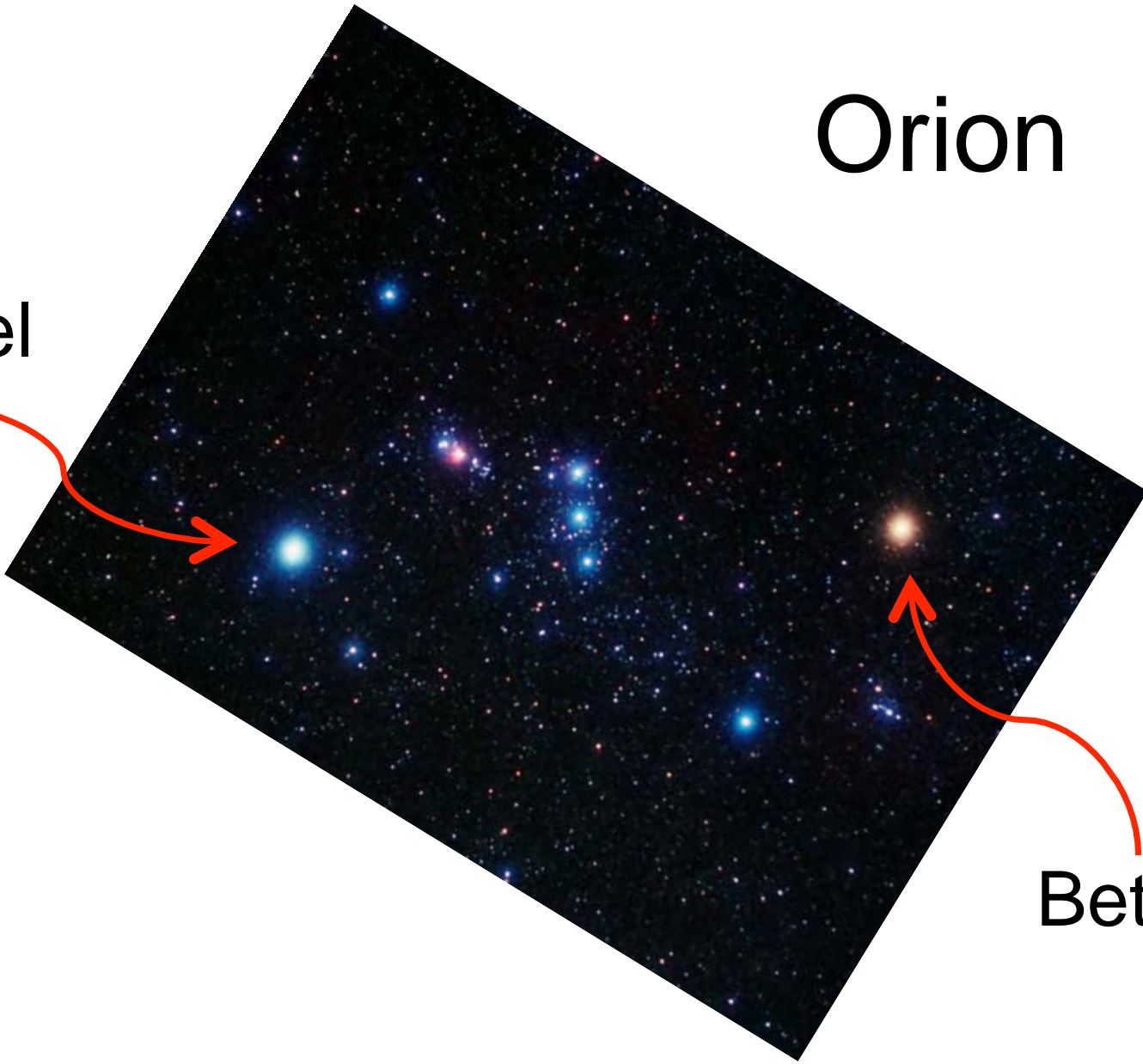


Orion

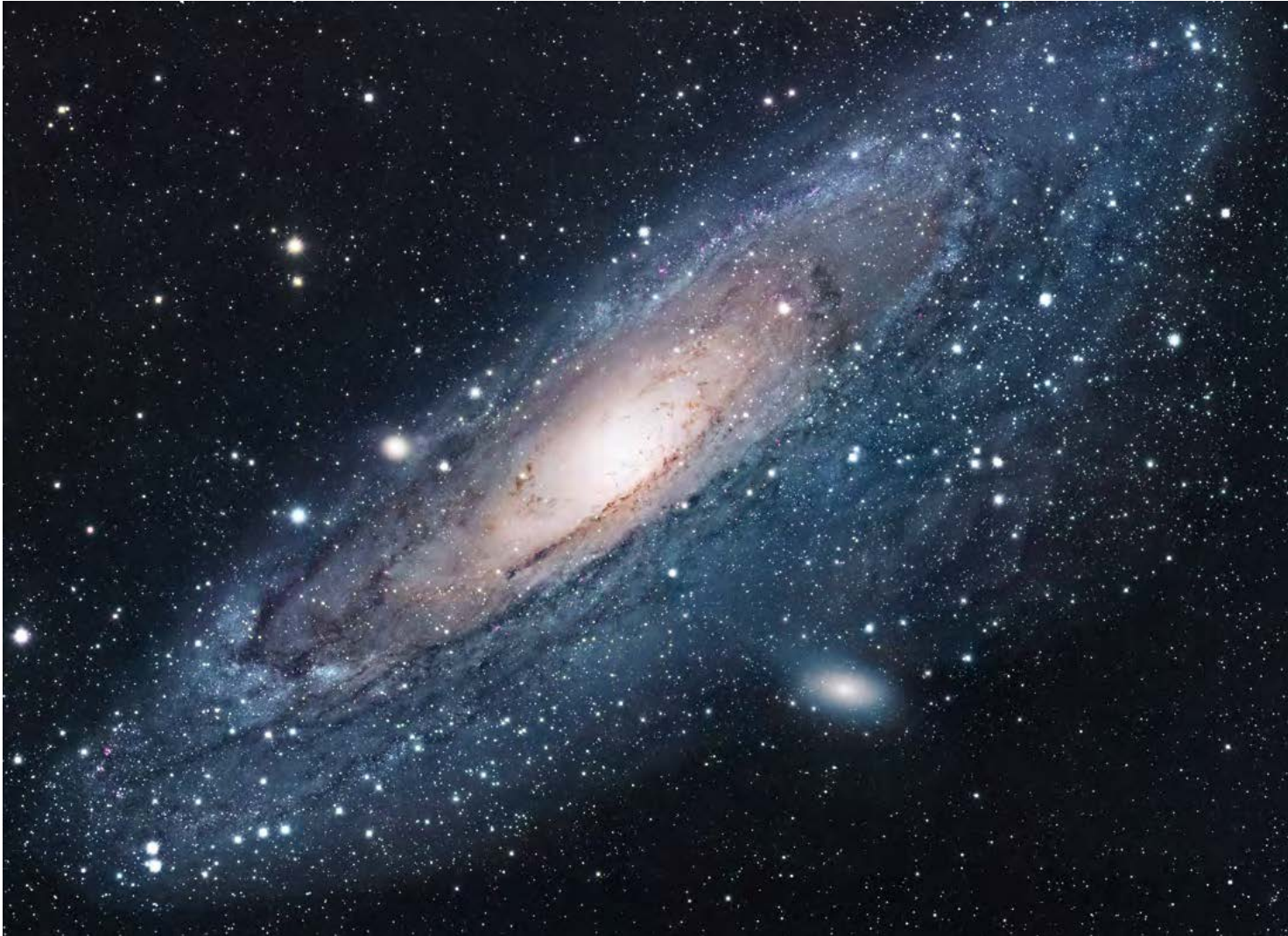
Rigel



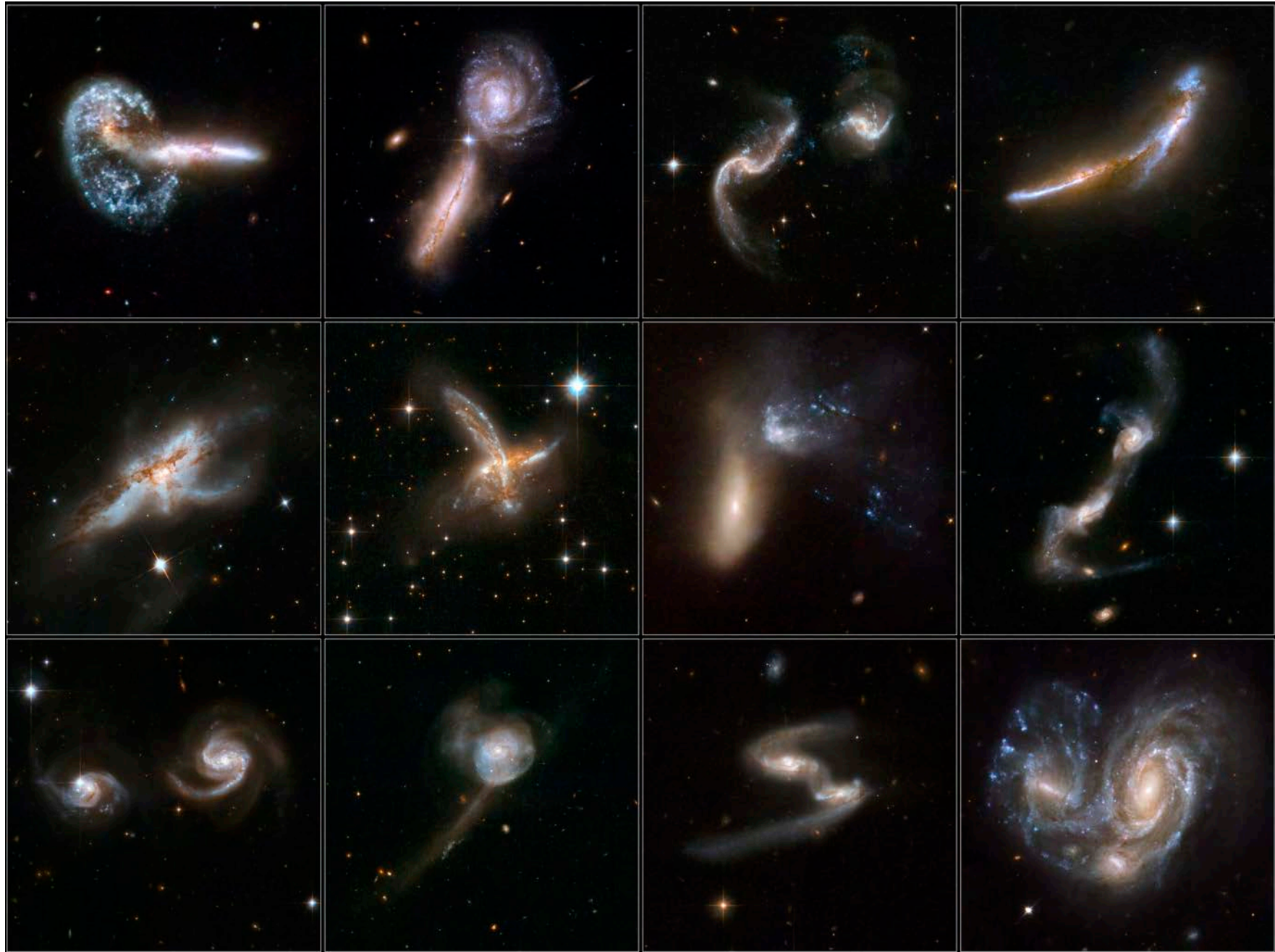
Betelgeuse

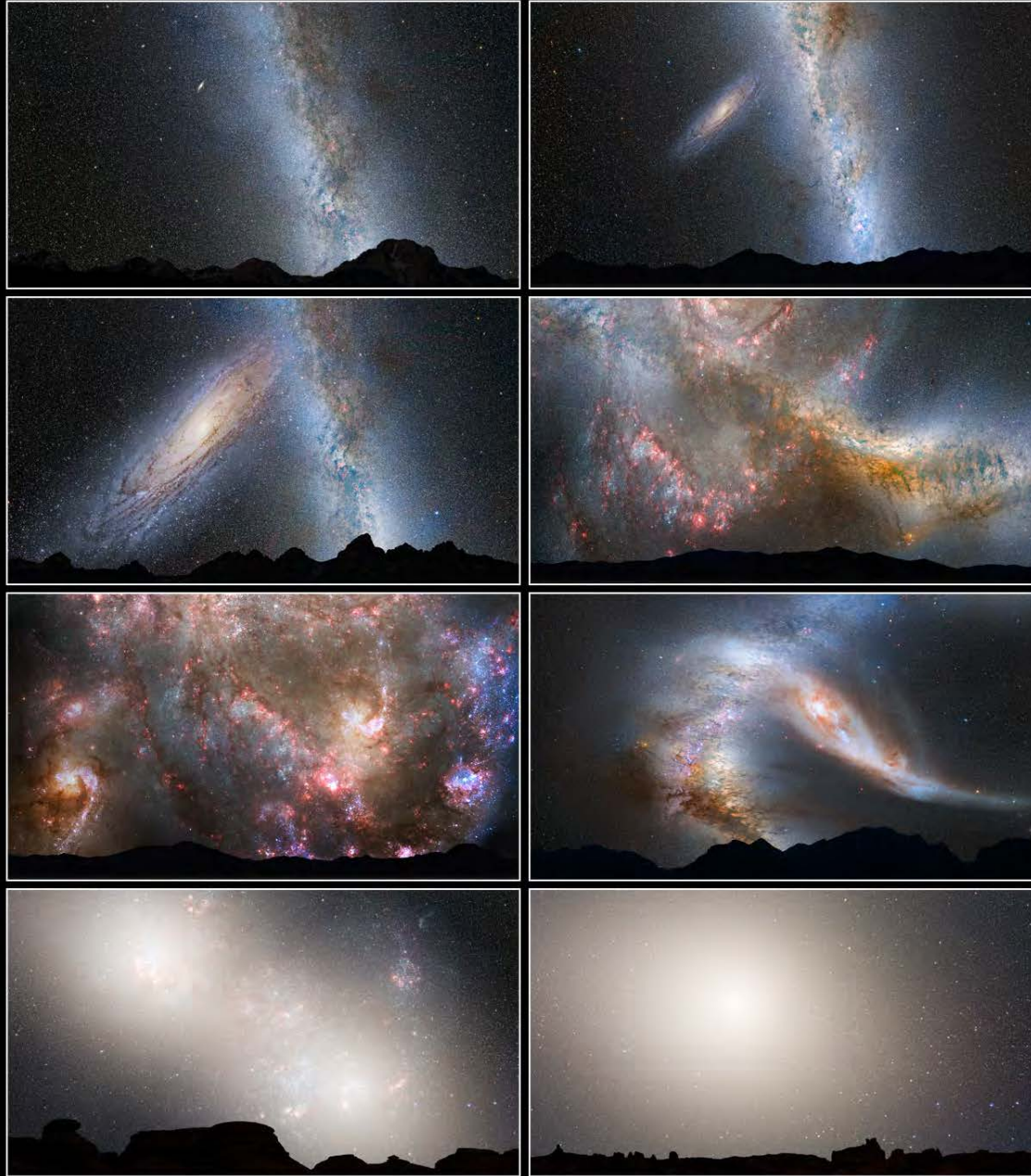


Andromeda (M31) Galaxy



Galaxy Mergers





**Illustration Sequence of the Milky Way
and Andromeda Galaxy Colliding**

NASA, ESA, Z. Levay and R. van der Marel (STScI), T. Hallas, and A. Mellinger ■ STScI-PRC12-20b

**Hubble
Ultra
Deep
Field**

10,000
Galaxies!





M101, Sombrero Galaxy



NGC 1398



M51



M59

Thank You!

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