



The Heavens Declare the Glory of
God

Psalms 19:1-3

¹ The heavens proclaim the glory of God.

The skies display his craftsmanship.

² Day after day they continue to speak;
night after night they make him known.

³ They speak without a sound or word;
their voice is never heard.

⁴ Yet their message has gone throughout the earth,
and their words to all the world.

Centaurus Constellation

4.3 Light-Years

Group of stars

- 400 L-Y cube
- 60,000 stars
- Pleiades on edge



Pleiades Constellation

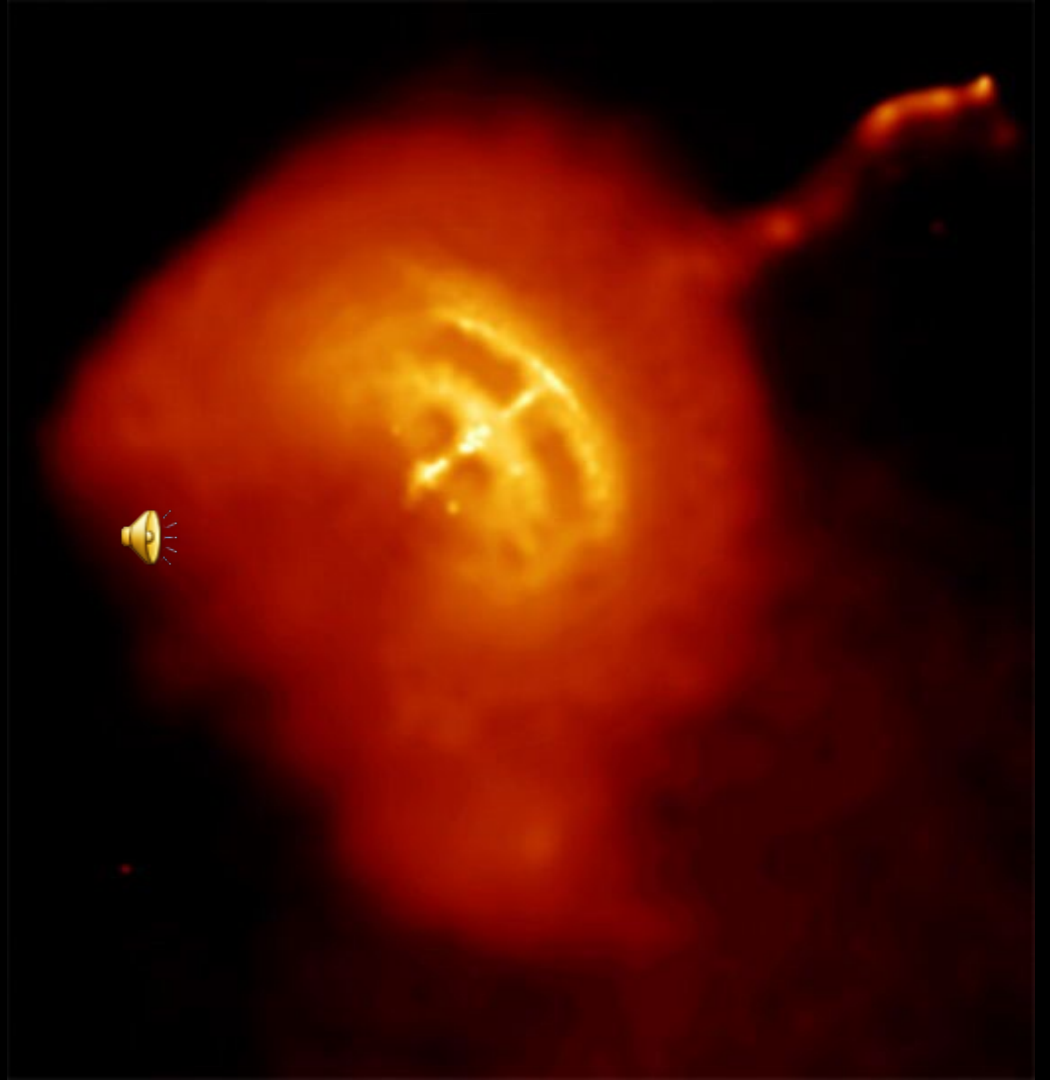
440 Light-Years

- (Seven Sisters)
- Nebula (gases)



Vella Pulsar

- 959 Light-Years
- Period of 89 msec
- 11 beats per sec



Orion Constellation

1,200 Light-Years



Orion Nebula

24 Light-
Years
across



Orion Nebula

Horse's Head
Nebula



Cone Nebula

2,700 Light-Years

- aka Jesus Nebula
- 2.5 L-Y in length here



Eskimo Nebula

2,870 Light-Years

• aka Clown Face Nebula



Cat's Eye Nebula

- 3,300 Light-Years



Butterfly Nebula

3,400 Light-Years



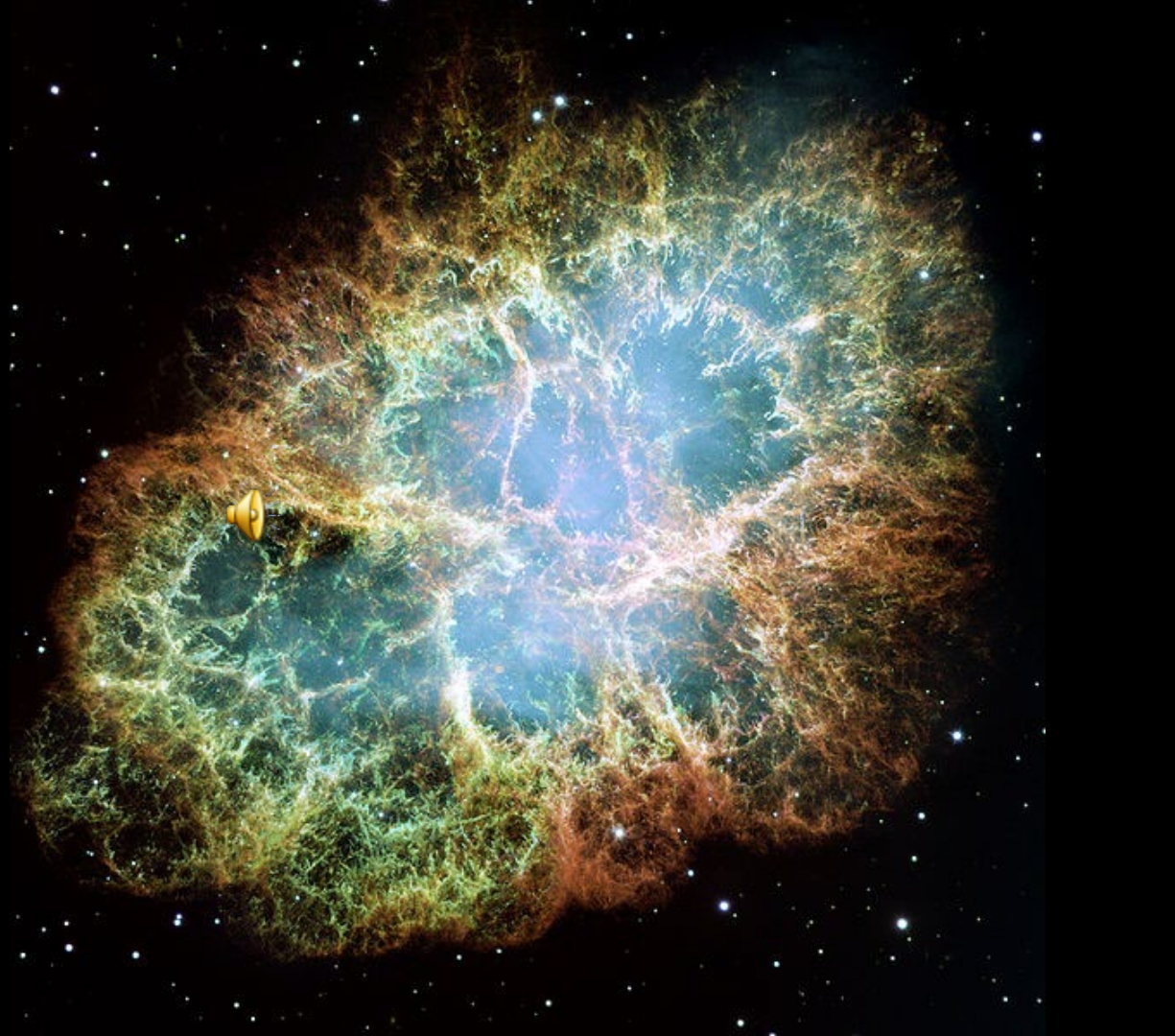
Rosette Nebula

5,700
Light-Years



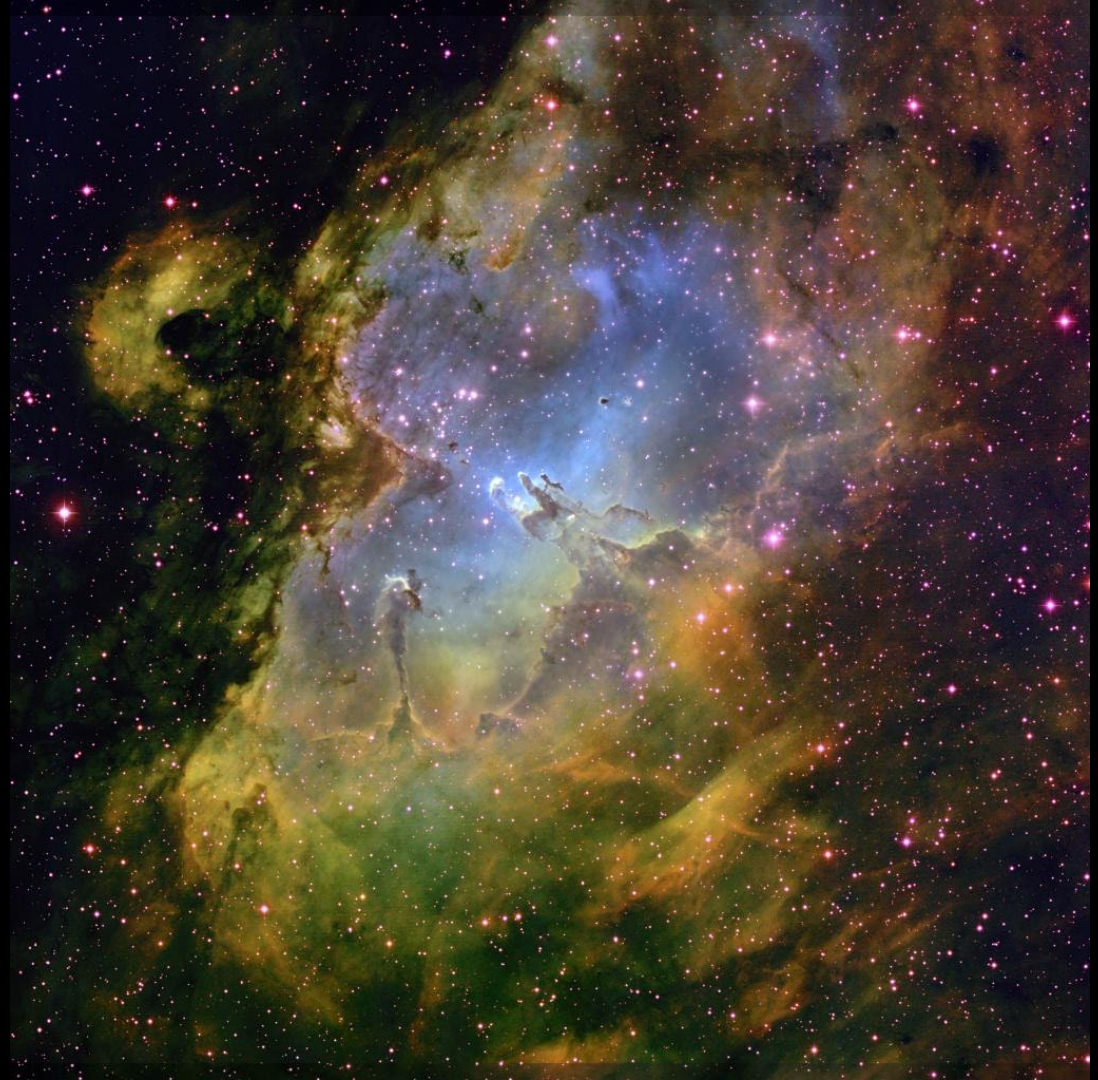
Crab Nebula

- 6,500 Light-Years
- 30 beats per sec

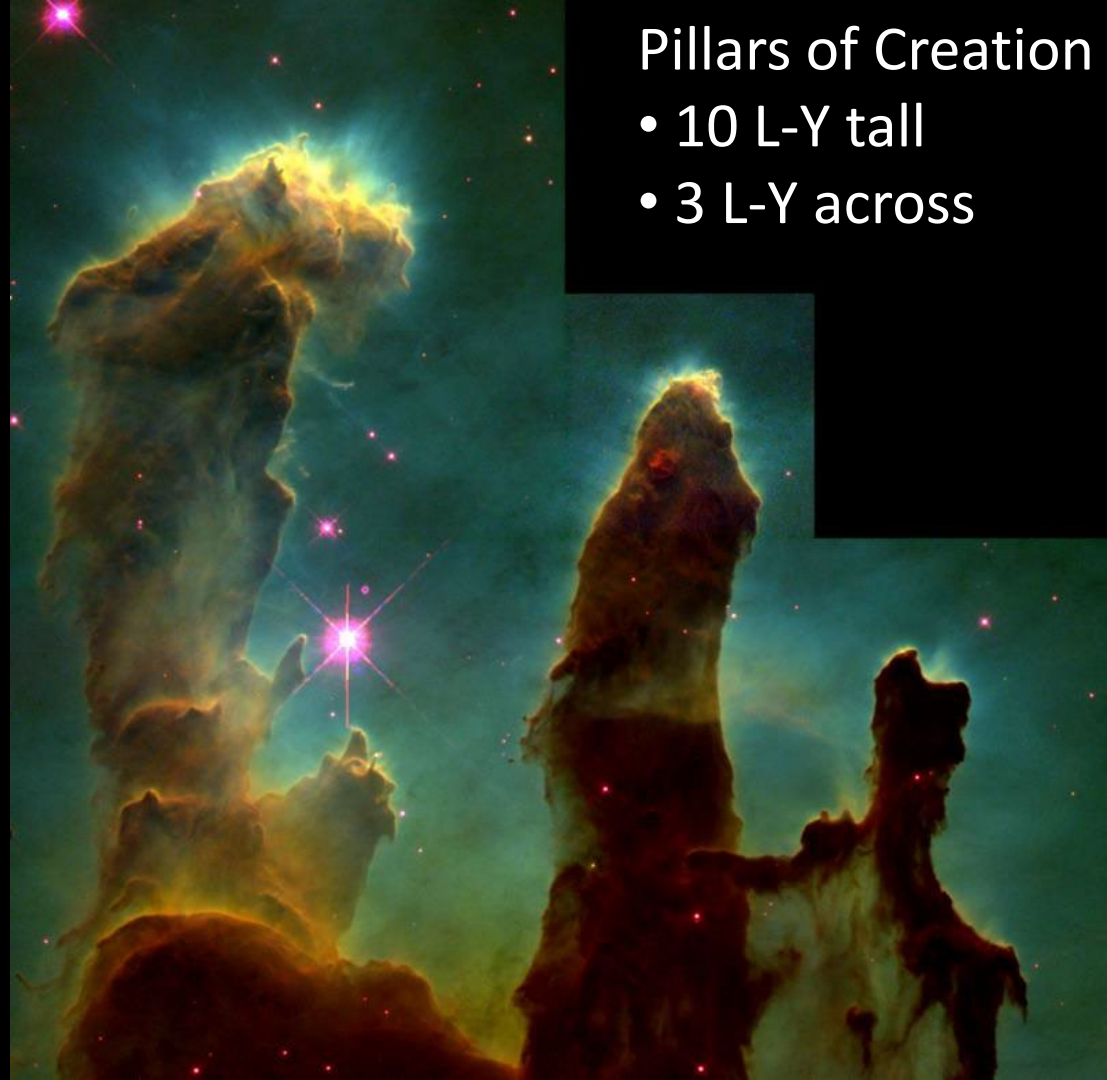


Eagle Nebula

7,000 Light-Years



Eagle Nebula



Job 26:7, 11, 13a

⁷ God stretches the northern sky out over empty space and hangs the earth on nothing.

¹¹ The pillars of heaven tremble,
And are astonished at His rebuke.

¹³ By His Spirit He adorned the heavens;

Ant Nebula

~8,000 Light-Years



Hour Glass Nebula

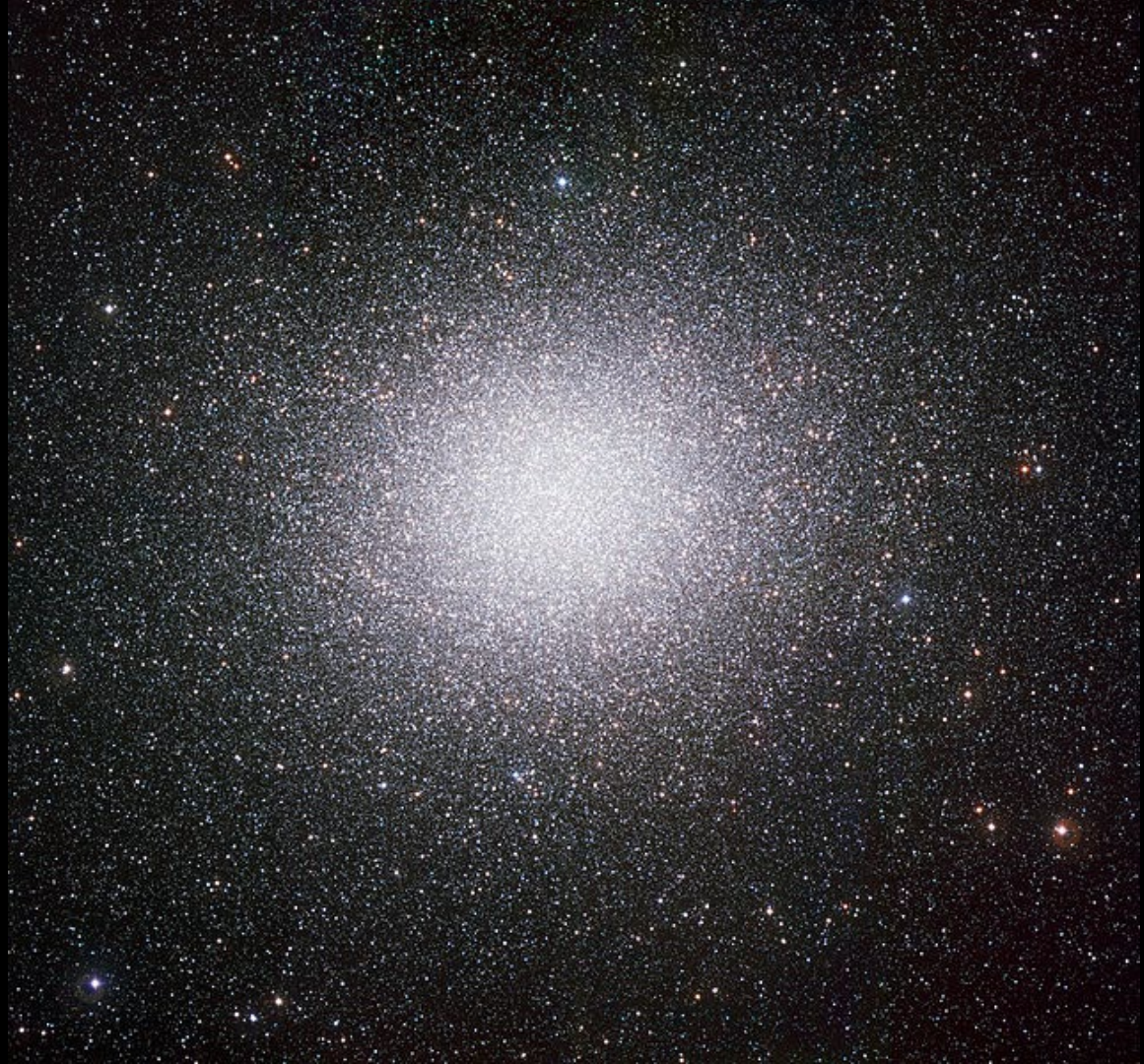
8,000 Light-Years



Omega Centuari

15,800 Light-Years

- Globular Cluster
- Contains Several Million Stars
- Orbits Milky Way



Omega Centuari Core

The image displays a vast field of stars, characteristic of the core of the Omega Centauri globular cluster. The stars are densely packed and exhibit a wide range of colors, including bright yellow, orange, and blue, set against a dark, grainy background. The text "Omega Centuari Core" is overlaid in the upper center of the image.



Psalm 147:4

He determines the number of the stars;
he gives to all of them their names.



Isaiah 40:26

Lift up your eyes on high

And see who has created these *stars*,

The One who leads forth their host by number,

He calls them all by name;

Because of the greatness of His might and the
strength of *His* power,

Not one *of them* is missing.

Tucanae Globular Cluster

16,700 Light-Years

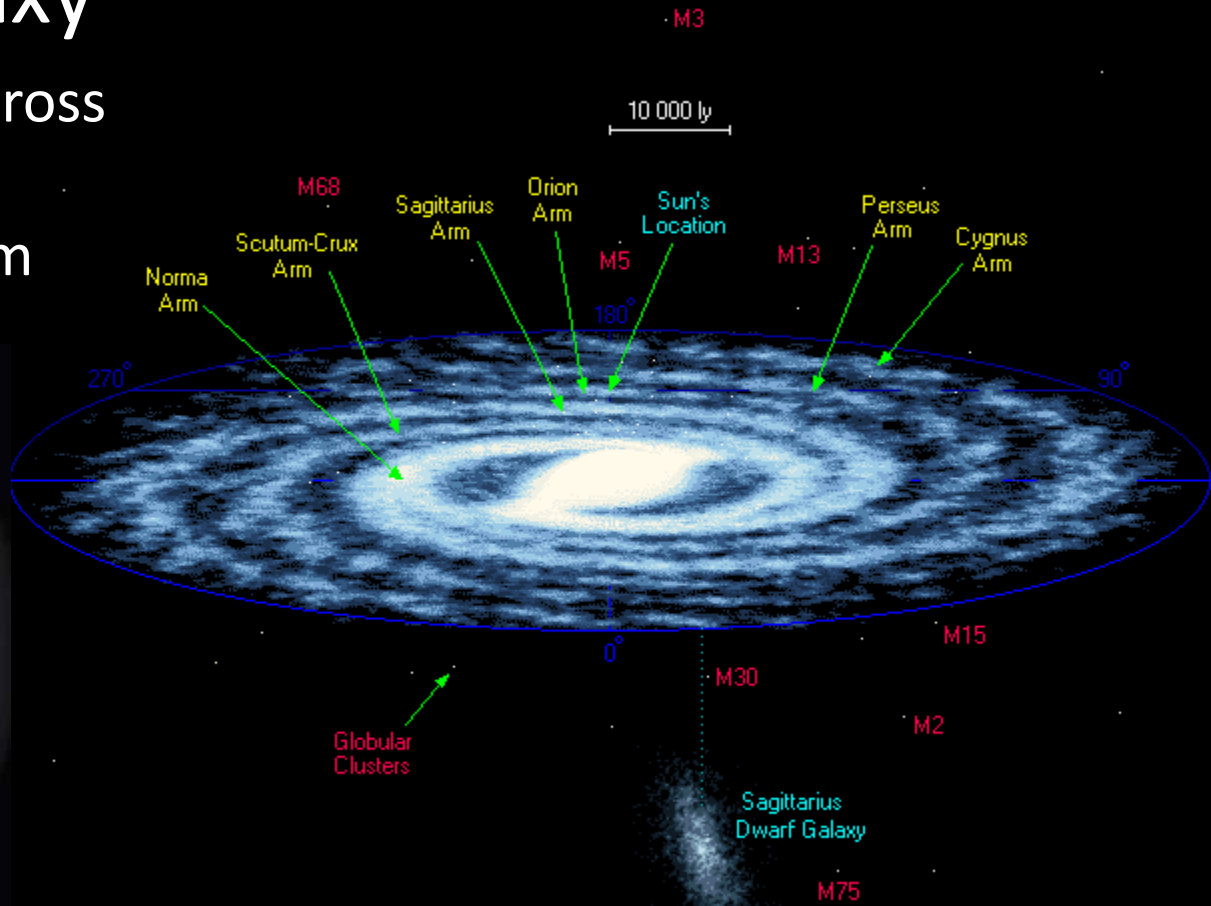
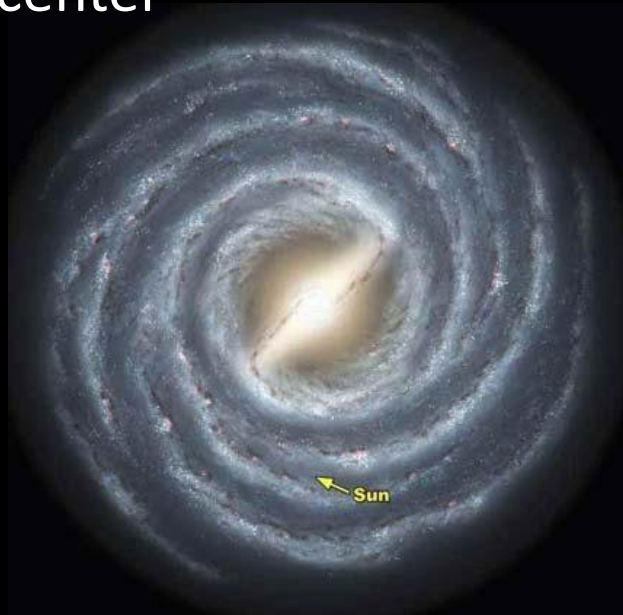
- 120 L-Y across
- 47 msec pulsars
identified

All creation sings



Milky Way Galaxy

- 100,000 Light-Years Across
- 400 billion stars
- Earth is 28,000 L-Y from center



Large Magellanic Cloud

160,000

Light-Years

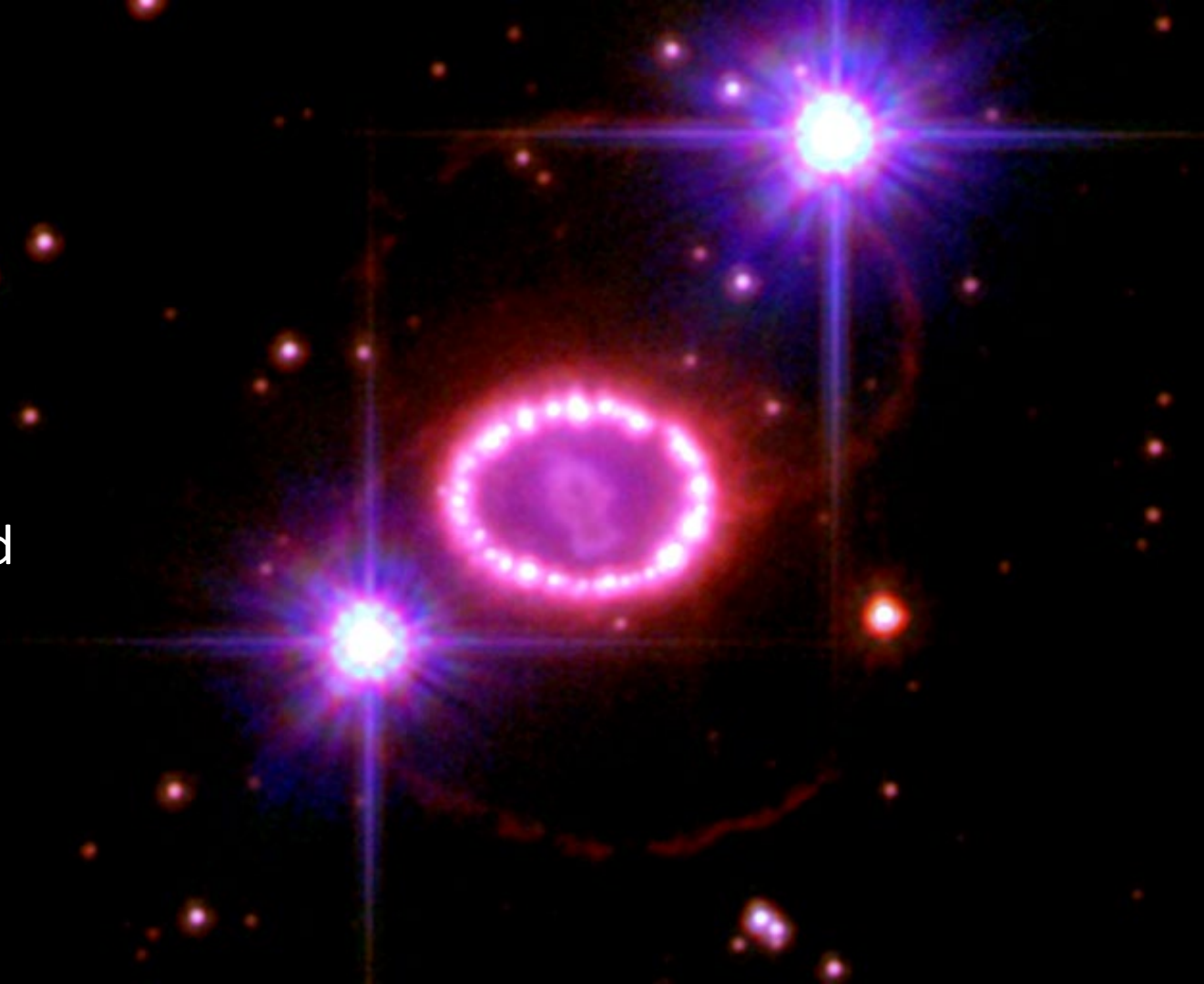
• Satellite of
Milky Way



Cosmic Pearls

163,000 Light-Years

- Supernova 1987A
- In Magellanic Cloud



Andromeda Galaxy

2.6 million Light-Years

- 1 Trillion stars



Triangulum Galaxy

3 million Light-Years

- Most distant object that can be viewed with the naked eye (with no light pollution)



NGC 6217

6 million Light-Years



Cigar Galaxy
M82

11.5 million
Light-Years



Grand Design
Spiral Galaxy
M81

11.6 million
Light-Years



Black Eye Galaxy

- 17 million Light-Years
• aka Sleeping Beauty



Polar Ring
Galaxy
NGC 660

20 million
Light-Years



Whirlpool Galaxy

23 million
Light-Years
• 300-500
billion stars



Structure at Core of Whirlpool Galaxy

•23 million Light-Years



Sombrero Galaxy

29 million
Light-Years

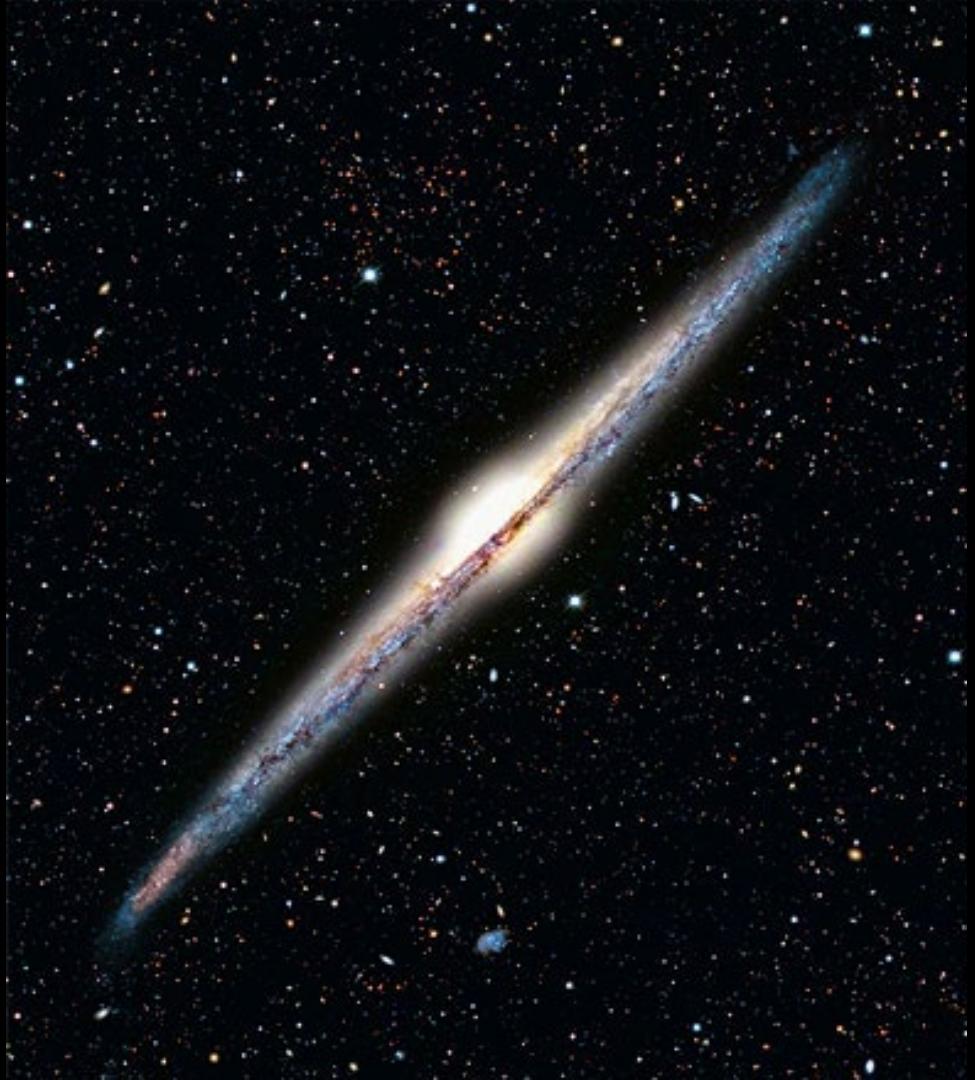
- 50,000 L-Y
wide
- 800 billion
stars



Spiral edge Galaxy

30 million Light-Years

• NGC 4565



Supernova in Galaxy NGC 4526

55 million
Light-Years



Dusty Spiral Galaxy NGC 4414

60 million Light-Years



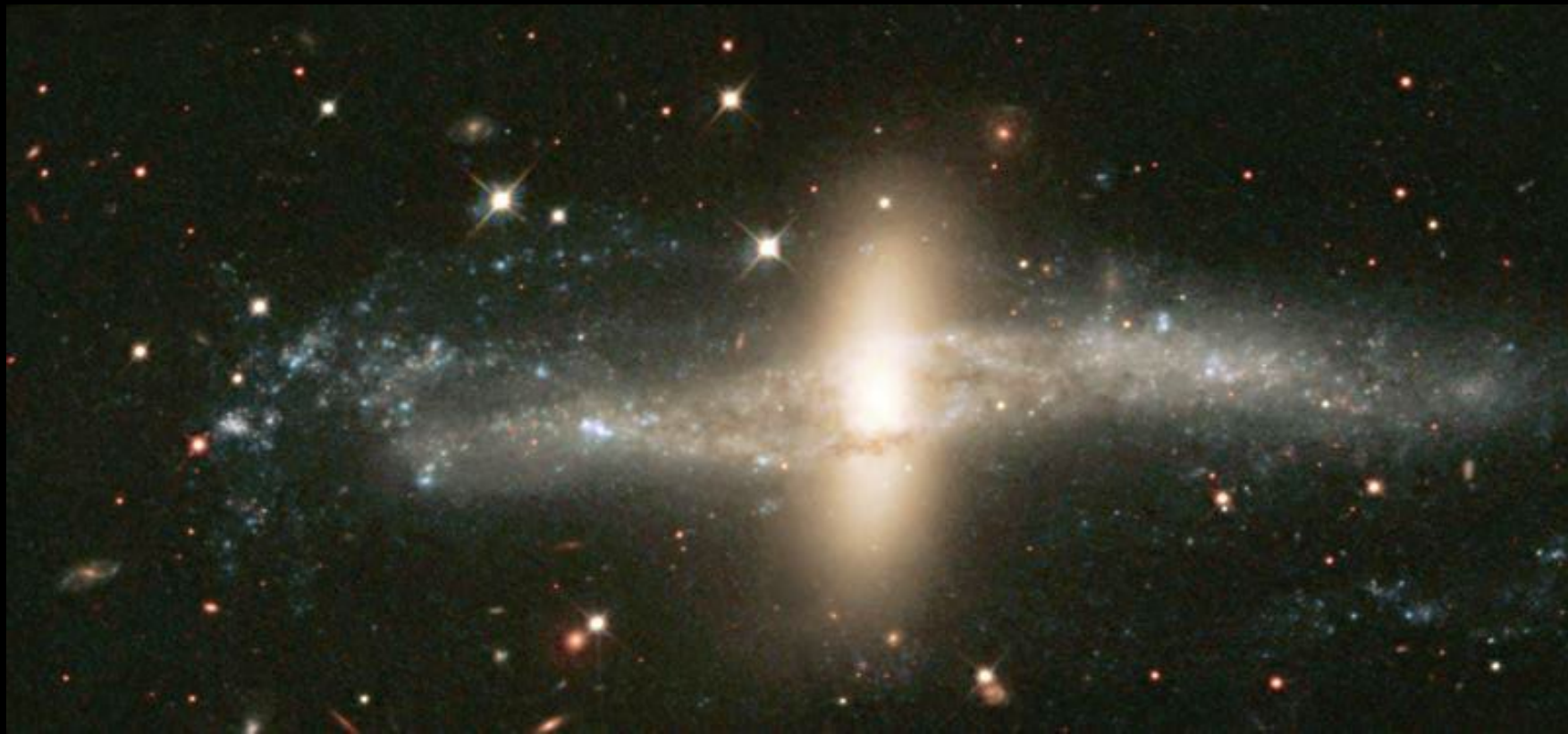


Intertwined Galaxies NGC 2207

81 million Light-Years

Polar Ring Galaxy NGC 4650

130 million Light-Years



NGC 6872

200 million Light-Years

• 400,000 L-Y across



Stevens Quintet

280 million
Light-Years





Barred Spiral Galaxy NGC 1300 690 million Light-Years

Galaxy
Cluster
MACS
J1206.2

4 billion Light-Years



Hubble Ultra Deep Field

13 billion Light-Years



Most Distant Galaxies in Hubble Ultra Deep Field

13 billion Light-Years

- 1,500 galaxies
- ½ well developed



Most
Distant
Galaxies in
Hubble Ultra
Deep Field

13 billion Light-Years



Isaiah 55:9

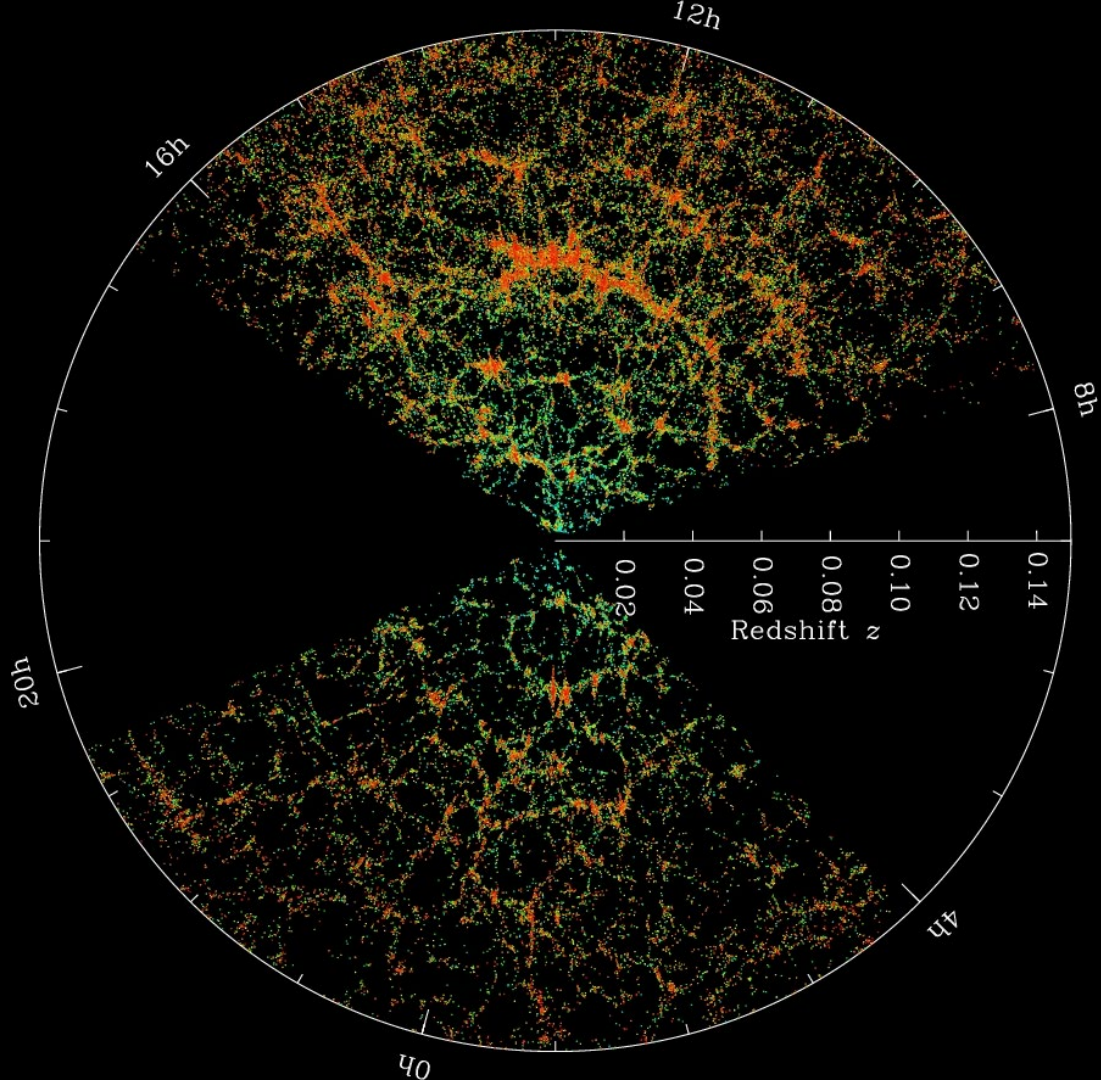
⁹ For as the heavens are higher than the earth,
so are my ways higher than your ways and my
thoughts than your thoughts.

- How high are the heavens above the earth?
- How big is our God? How mighty?
- How wonderfully creative? How awesome?

Psalms 8:1, 3-4

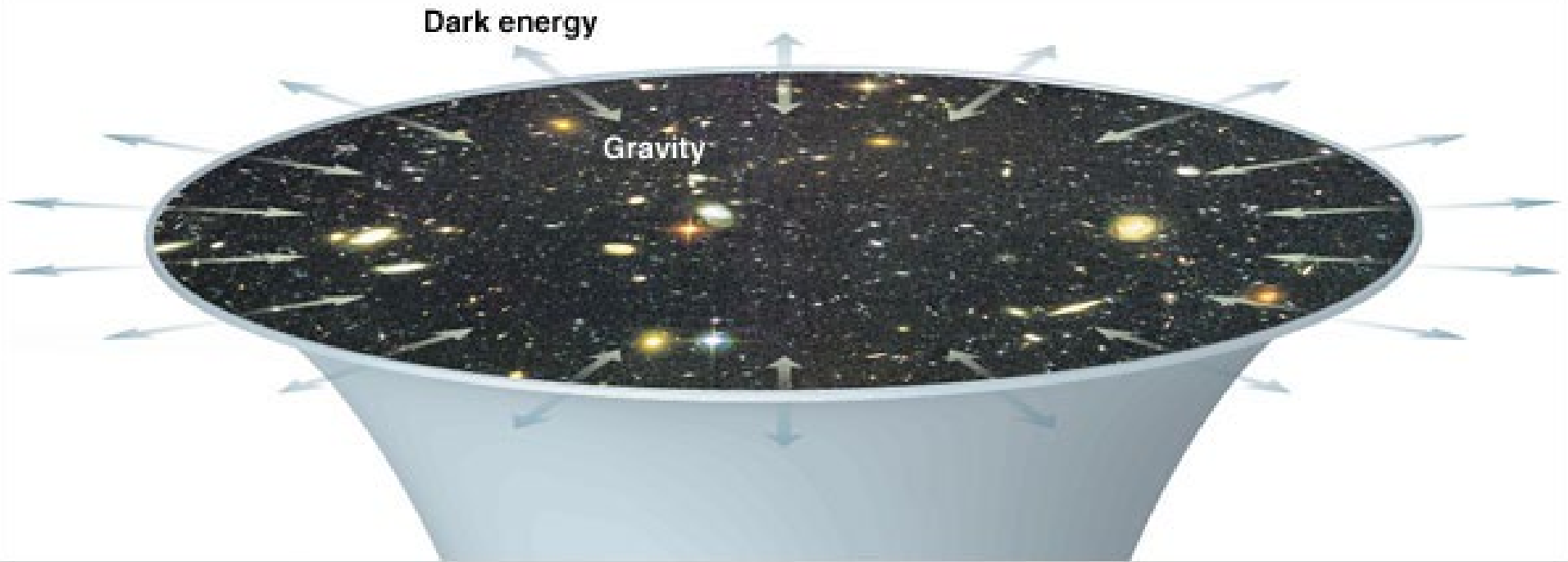
- ¹ O LORD, our Lord, how majestic is your name in all the earth! You have set your glory above the heavens.
- ³ When I look at your heavens, the work of your fingers, the moon and the stars, which you have set in place,
- ⁴ what is man that you are mindful of him, and the son of man that you care for him?

Sloan
Digital Sky
Survey



Dark
Matter?

Dark Energy?



**Surprise! The
universe's
expansion rate
may vary from
place to place**



Problems with the Big Bang Theory

- The Magnetic Monopole Problem
- The Flatness Problem, also known as the Oldness Problem
- We should be able to see the Big Bang or shortly after
- Lack of universal galactic uniformity observed
- Dark Matter and Dark Energy required
- Too little Antimatter
- No Population 3 Stars
- The theory of Inflation violates General Law of Relativity
- Violates the Second Law of Thermodynamics
- Violates the First Law of Thermodynamics
- The Horizon Problem

“Bucking the Big Bang”

- Cosmological Statement
- Eric Lerner and dozens of other scientists

Signed:

(Institutions for identification only)

Halton Arp, Max-Planck-Institute Fur Astrophysik (Germany)
Andre Koch Torres Assis, State University of Campinas (Brazil)
Yuri Baryshev, Astronomical Institute, St. Petersburg State University (Russia)
Ari Brynjolfsson, Applied Radiation Industries (USA)
Hermann Bondi, Churchill College, University of Cambridge (UK)
Timothy Eastman, Plasmas International (USA)
Chuck Gallo, Superconix, Inc.(USA)
Thomas Gold, Cornell University (emeritus) (USA)
Amitabha Ghosh, Indian Institute of Technology, Kanpur (India)
Walter J. Heikkila, University of Texas at Dallas (USA)
Michael Ibison, Institute for Advanced Studies at Austin (USA)
Thomas Jarboe, University of Washington (USA)
Jerry W. Jensen, ATK Propulsion (USA)
Menas Kafatos, George Mason University (USA)
Eric J. Lerner, Lawrenceville Plasma Physics (USA)
Paul Marmet, Herzberg Institute of Astrophysics (retired) (Canada)
Paola Marziani, Istituto Nazionale di Astrofisica, Osservatorio Astronomico di Padova (Italy)
Gregory Meholic, The Aerospace Corporation (USA)
Jacques Moret-Bailly, Université Dijon (retired) (France)
Jayant Narlikar, IUCAA (emeritus) and College de France (India, France)
Marcos Cesar Danhoni Neves, State University of Maringá (Brazil)
Charles D. Orth, Lawrence Livermore National Laboratory (USA)
R. David Pace, Lyon College (USA)
Georges Paturel, Observatoire de Lyon (France)
Jean-Claude Pecker, College de France (France)
Anthony L. Peratt, Los Alamos National Laboratory (USA)
Bill Peter, BAE Systems Advanced Technologies (USA)
David Roscoe, Sheffield University (UK)
Malabika Roy, Indian Statistical Institute (India)
Sisir Roy, Indian Statistical Institute (India)
Konrad Rudnicki, Jagiellonian University (Poland)
Domingos S.L. Soares, Federal University of Minas Gerais (Brazil)
John L. West, Jet Propulsion Laboratory, California Institute of Technology (USA)
James F. Woodward, California State University, Fullerton (USA)

Dark Energy? – Gravitational Time Dilation

- Job 9:8 – who alone **stretched out the heavens**
- Isaiah 42:5 - Thus says God, the Lord, who **created the heavens and stretched them out,**
- Isaiah 44:24 - “I am the Lord, who made all things, who alone **stretched out the heavens**”
- Isaiah 45:12 – “it was my hands that **stretched out the heavens,** and I commanded all their host.”
- Isaiah 51:13 – and have forgotten the Lord, your Maker, who **stretched out the heavens**
- Jeremiah 10:12 – It is he who ... by his understanding **stretched out the heavens.**
- Zechariah 12:1 - Thus declares the Lord, who **stretched out the heavens**

Dark Matter?

- Colossians 1:16-17 - ¹⁶ For by him all things were created, in heaven and on earth, visible and invisible, whether thrones or dominions or rulers or authorities—all things were created through him and for him. ¹⁷ And he is before all things, and in him **all things hold together.**
- Hebrews 1:3 - ³ He is the radiance of the glory of God and the exact imprint of his nature, and he **upholds the universe by the word of his power.**