

**Design at the
Macroscopic Level:
The Rare Earth**



Belief in God:

Is It Reasonable In This Scientific Age?

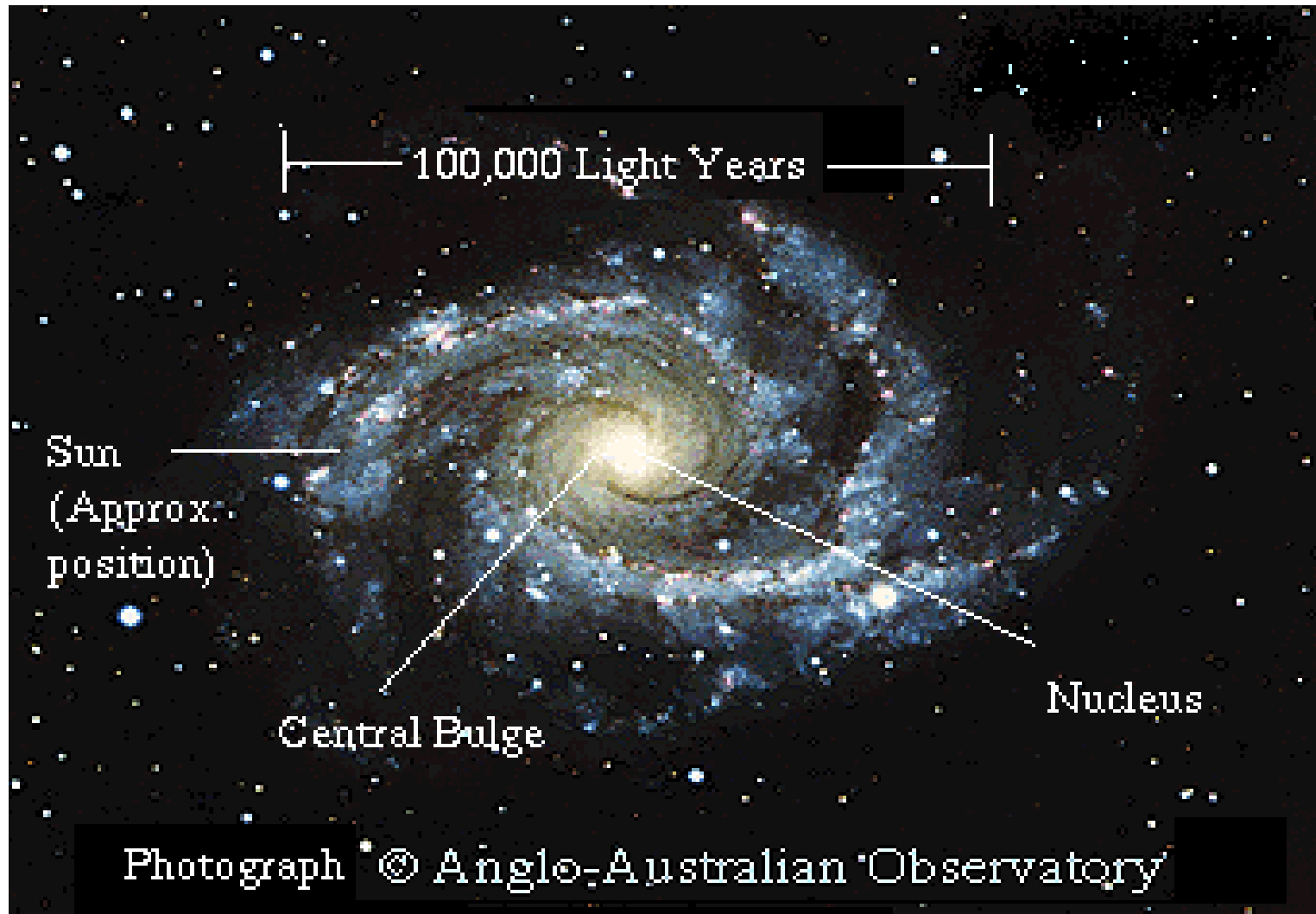
- **Rom. 1:20** - His invisible attributes ... understood by the things that are made
 - His Eternal Power
 - His Divine Nature (Godhead)
- **Argument from Design**



Design in the Universe

- **The sheer size of the cosmos**
 - **The Milky Way Galaxy**

The Milky Way Galaxy





Design in the Universe

- **The sheer size of the cosmos**
 - **The Milky Way Galaxy**
 - **200 Billion Stars**
 - **100,000 light years in diameter**



100,000 LIGHT YEARS

100,000 yrs X 186,000 mi/sec

X 60 sec/min X 60 min/hr

X 24 hrs/day X 365 days/yr =



Design in the Universe

- **The sheer size of the cosmos**

- **The Milky Way Galaxy**

- **200 Billion Stars**

- **100,000 light years in diameter**

- (588,000,000,000,000,000 miles)**

- (588 Quadrillion Miles!)**

Hubble

8 Apr 2008
06:23:08 GMT+2
Rate: 1x

Navigation icons: back, forward, search, etc.
Set Time

Ambient Light Level: 0,00
Slider control

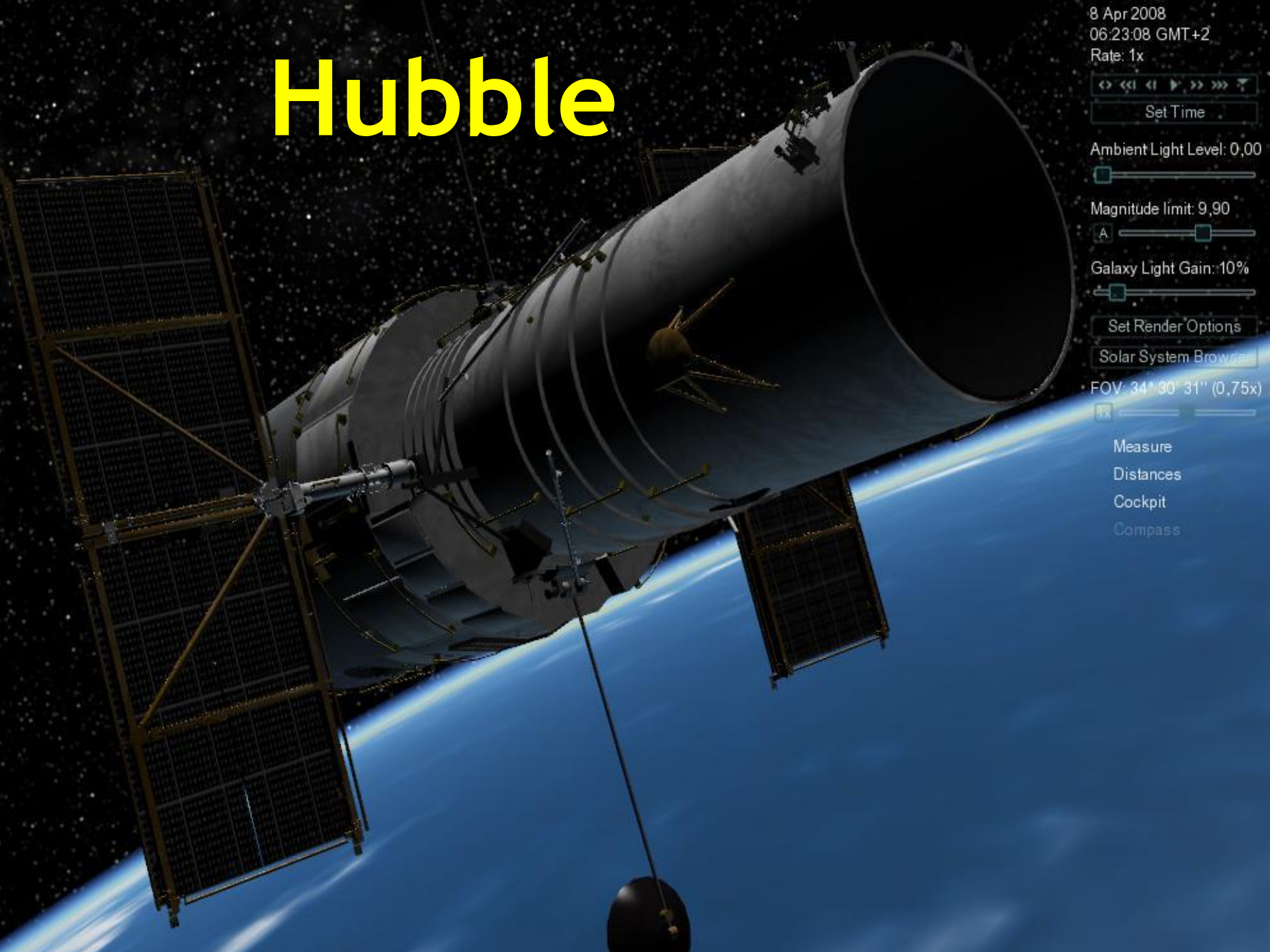
Magnitude limit: 9,90
A Slider control

Galaxy Light Gain: 10%
Slider control

Set Render Options
Solar System Browser

FOV: 34° 30' 31" (0,75x)
Slider control

- Measure
- Distances
- Cockpit
- Compass





**A portion of the
constellation Serpens**



Design in the Universe

- **The sheer size of the cosmos**

- **The Milky Way Galaxy**

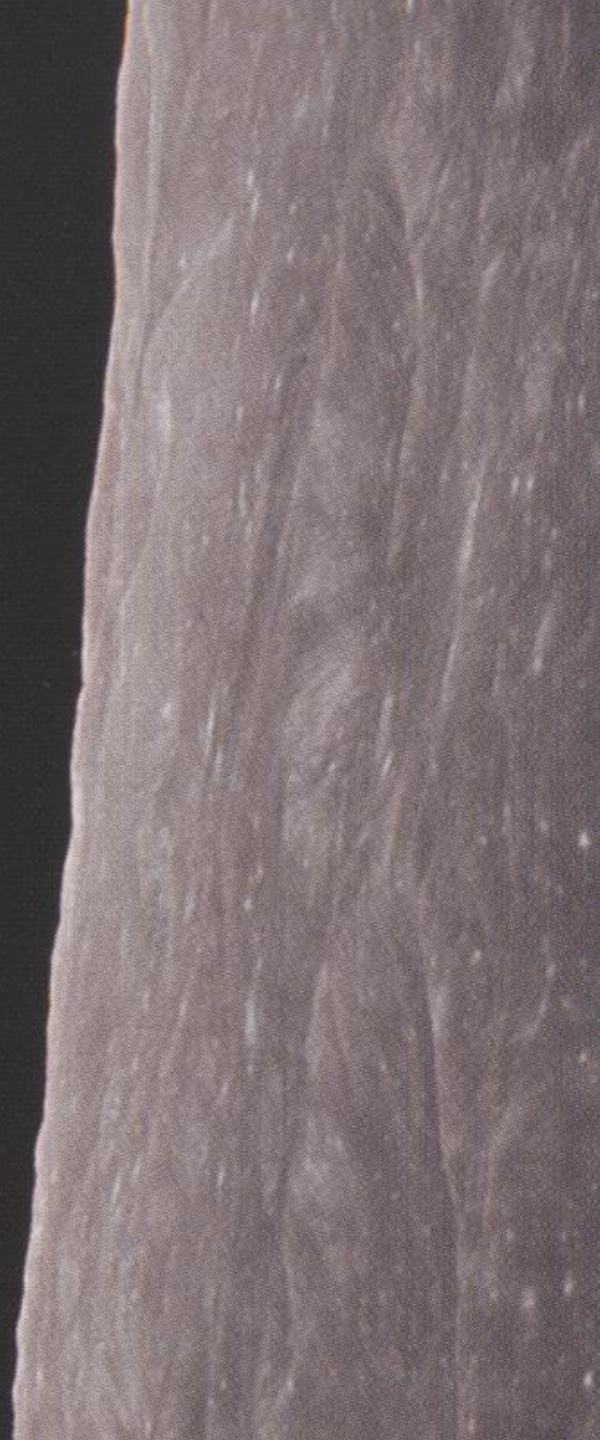
- **200 Billion Stars**

- **100,000 light years in diameter**

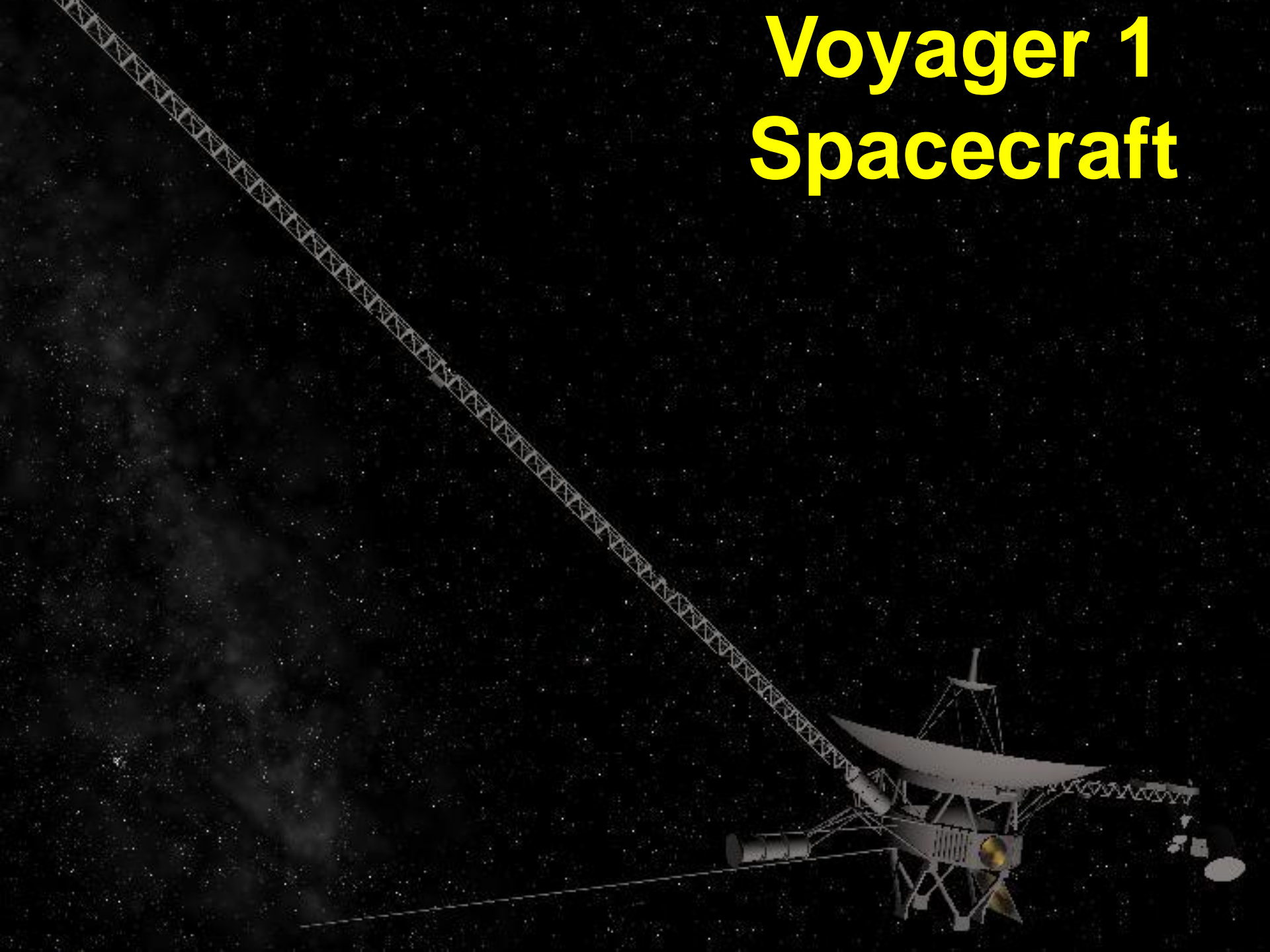
- (588,000,000,000,000,000 miles)**

- (588 Quadrillion Miles!)**

- **Over a trillion galaxies!**

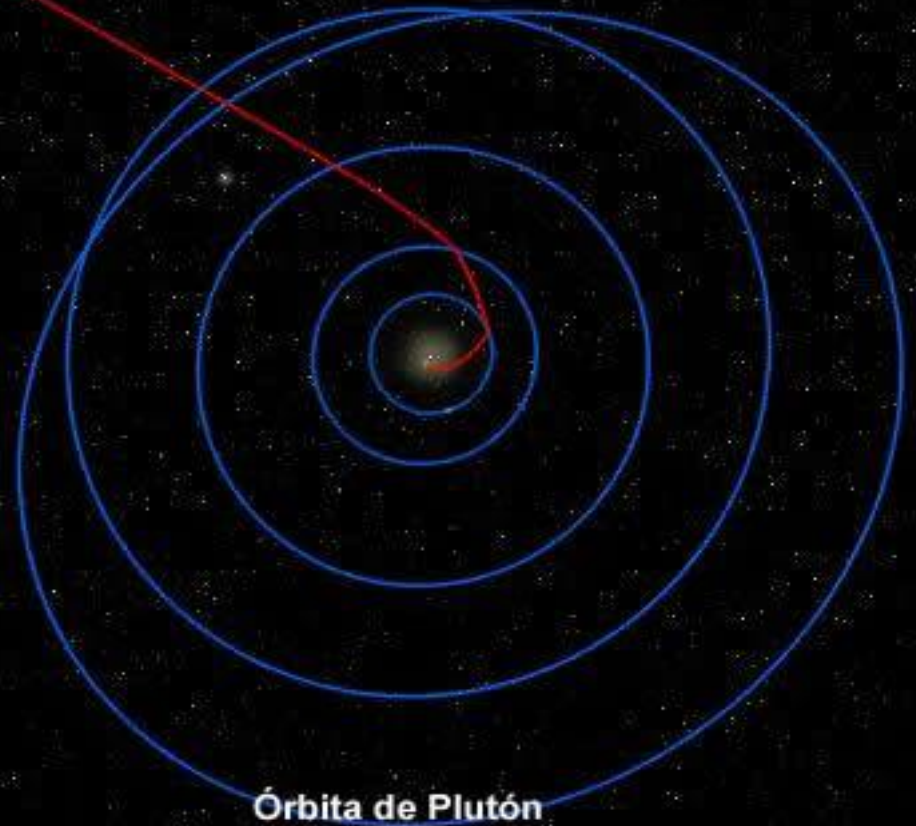


Voyager 1 Spacecraft



Voyager 1 Projected Flight Path

← Voyager 1



The Pale Blue Dot
by Carl Sagan



Design in the Universe

- The incredible amount of matter in the cosmos

- Our Sun, typical of other stars



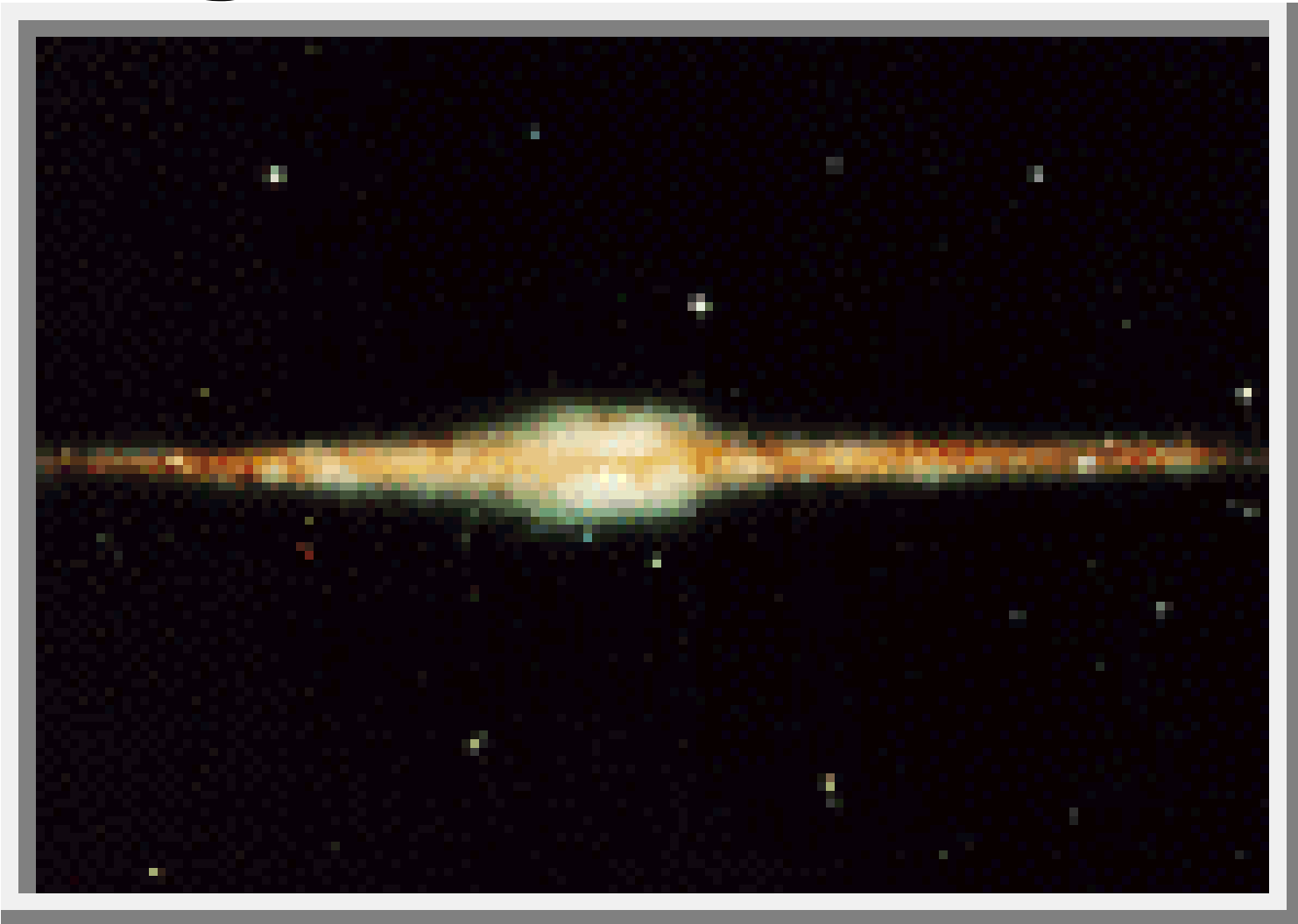
Still enough H for millions of years!



Design in the Universe

- **The marvelous combination of factors on Earth to support life**
 - **Proper type of galaxy**
 - **Proper place in the galaxy**

Design in the Universe

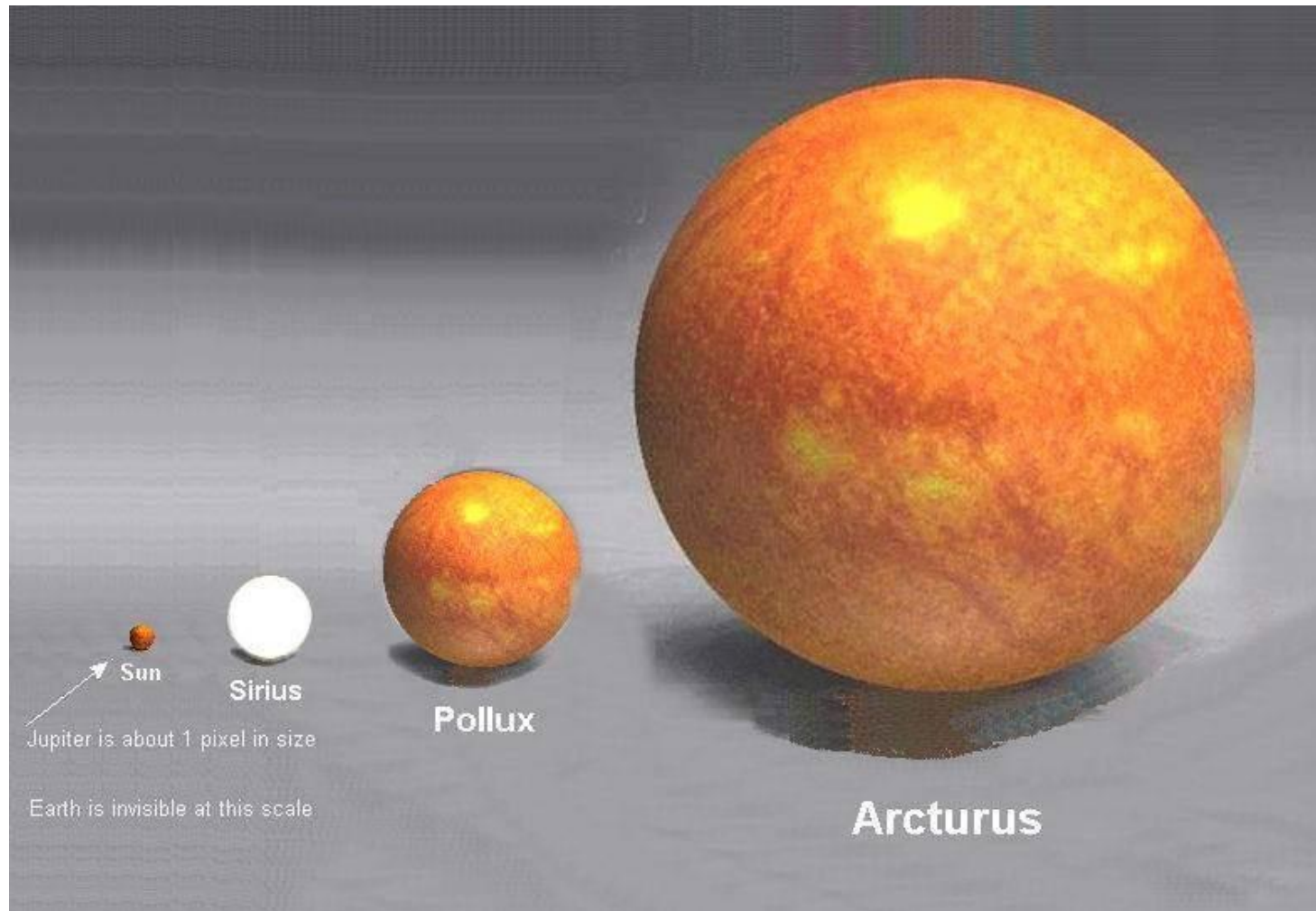




Design in the Universe

- **The marvelous combination of factors on Earth to support life**
 - **Proper type of galaxy**
 - **Proper place in the galaxy**
 - **Proper kind of star (Our Sun)**

Design in the Universe

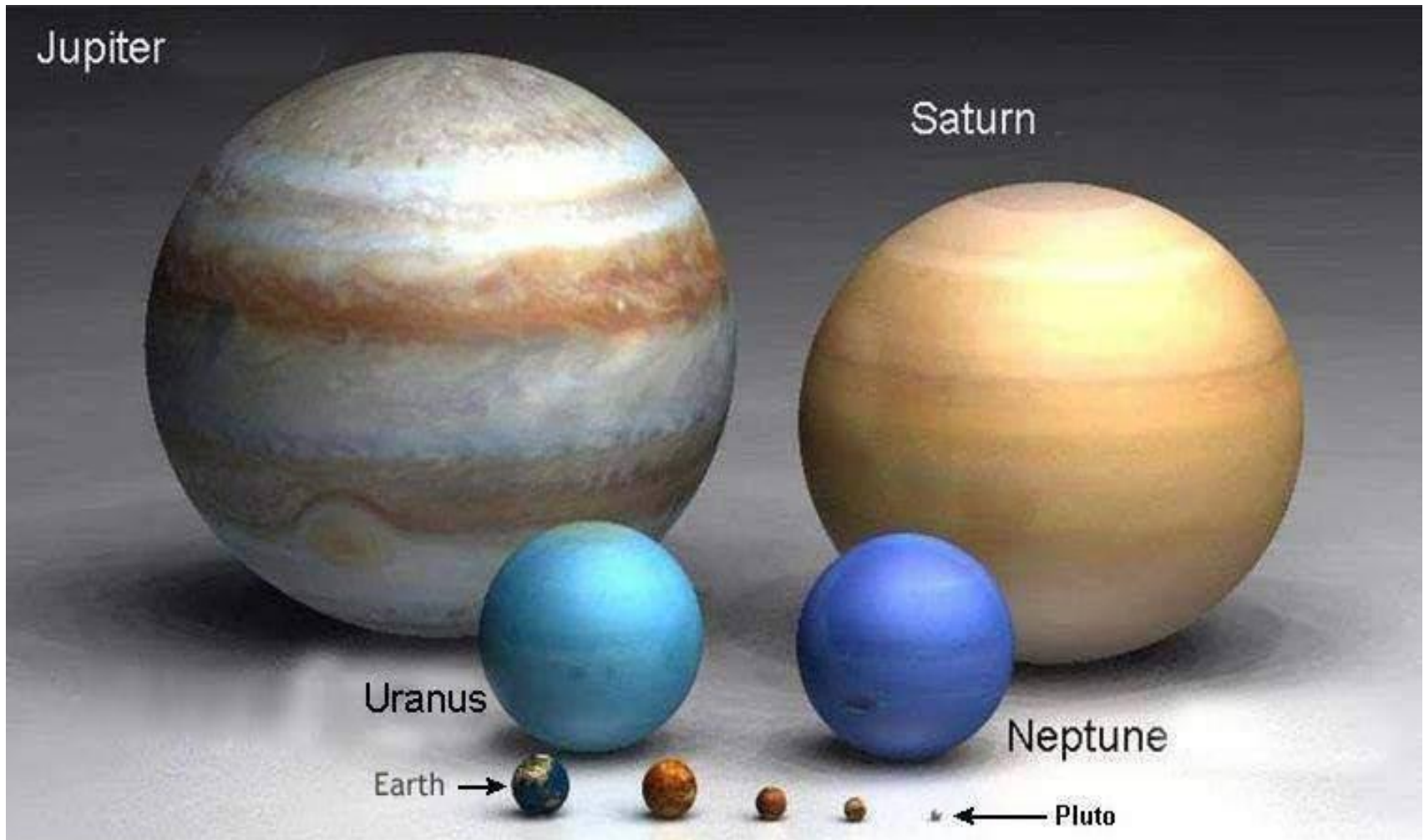




Design in the Universe

- **The marvelous combination of factors on Earth to support life**
 - **Proper type of galaxy**
 - **Proper place in the galaxy**
 - **Proper kind of star (Our Sun)**
 - **Proper distance from the Sun**
 - **Proper mass of our planet**

Design in the Universe

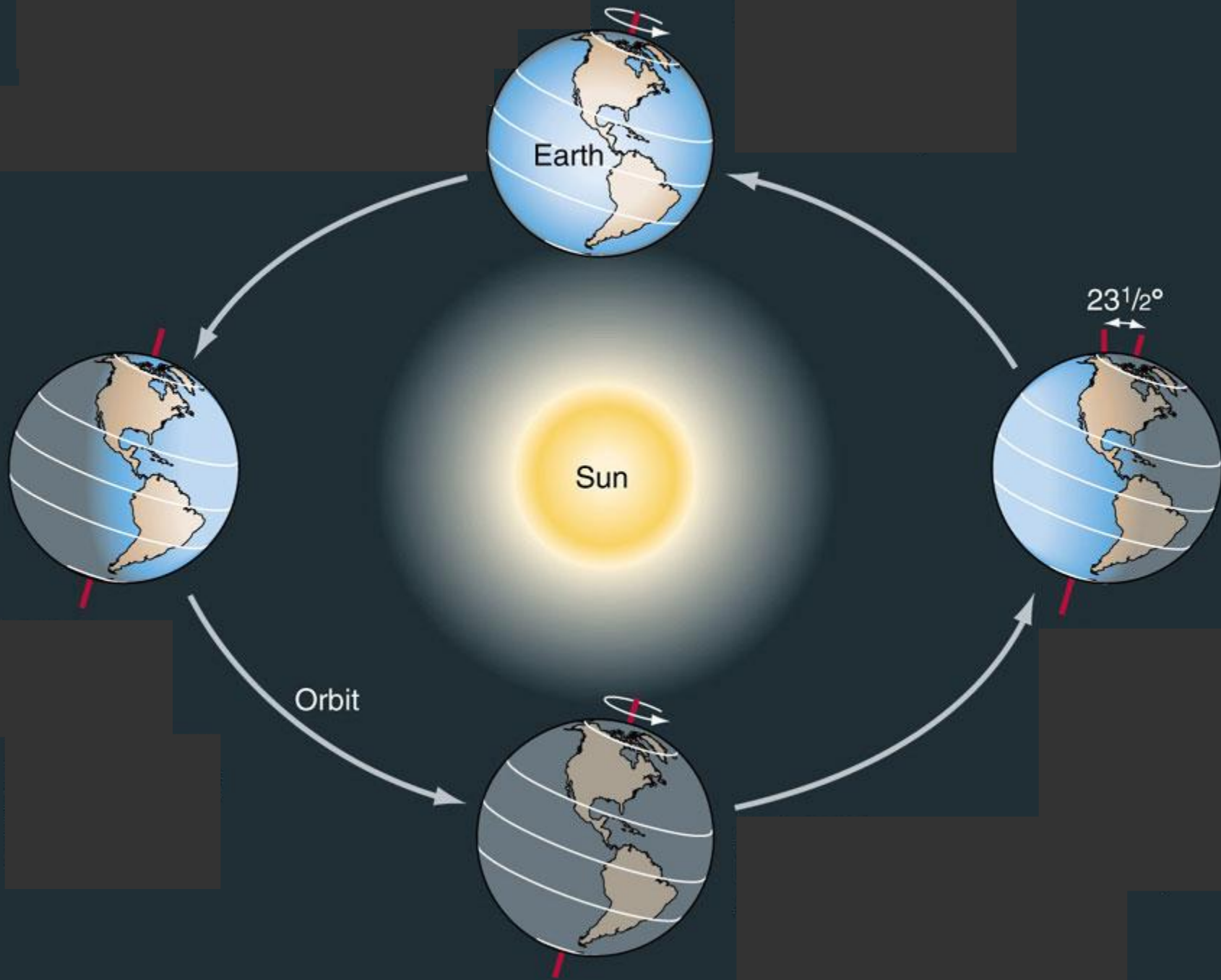




Design in the Universe

- **The marvelous combination of factors on Earth to support life**

- Proper type of galaxy**
- Proper place in the galaxy**
- Proper kind of star (Our Sun)**
- Proper distance from the Sun**
- Proper mass of our planet**
- Proper spin**
- Proper tilt**





Design in the Universe

- **The marvelous combination of factors on Earth to support life**
 - **Proper type of galaxy**
 - **Proper place in the galaxy**
 - **Proper kind of star (Our Sun)**
 - **Proper distance from the Sun**
 - **Proper mass of our planet**
 - **Proper spin**
 - **Proper tilt**
 - **Proper magnetic field**



Design in the Universe

■ WATER!!!

- Covers more than 70% of the Earth's surface
- Most plants and animals contain more than 60% water by volume

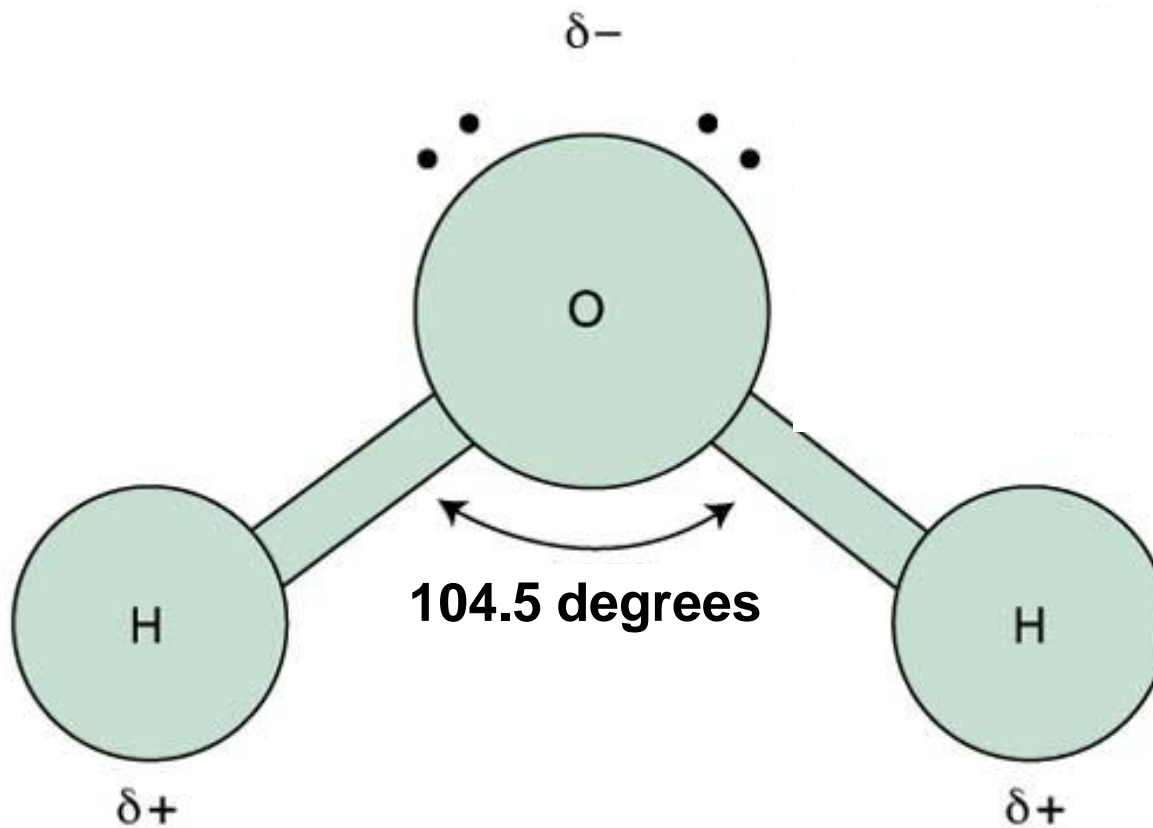


Design in the Universe

- **WATER!!!**

- **A unique structure**

Unique Structure of a Water Molecule





Design in the Universe

■ WATER!!!

- A unique structure
- Only substance on Earth that exists in all three states: solid, liquid and gas
- Uniquely high specific heat



Design in the Universe

■ WATER!!!

- Wide temperature range for liquid (0 – 100 degrees C)
- Less dense as a solid!!
- Universal solvent
- High surface tension, cohesion and adhesion

Is It Reasonable to Believe in this Age of Enlightenment?

- **Everywhere we look, from the macroscopic to the microscopic things look like they are MADE**
- **A loud, clear, piercing cry of DESIGN!!**

(M. Behe, [Darwin's Black Box](#))



Is It Reasonable to Believe in this Age of Enlightenment?

**It is more
reasonable
than ever!!!**