

# Where is Earth?

the Local Supercluster

the Local Group

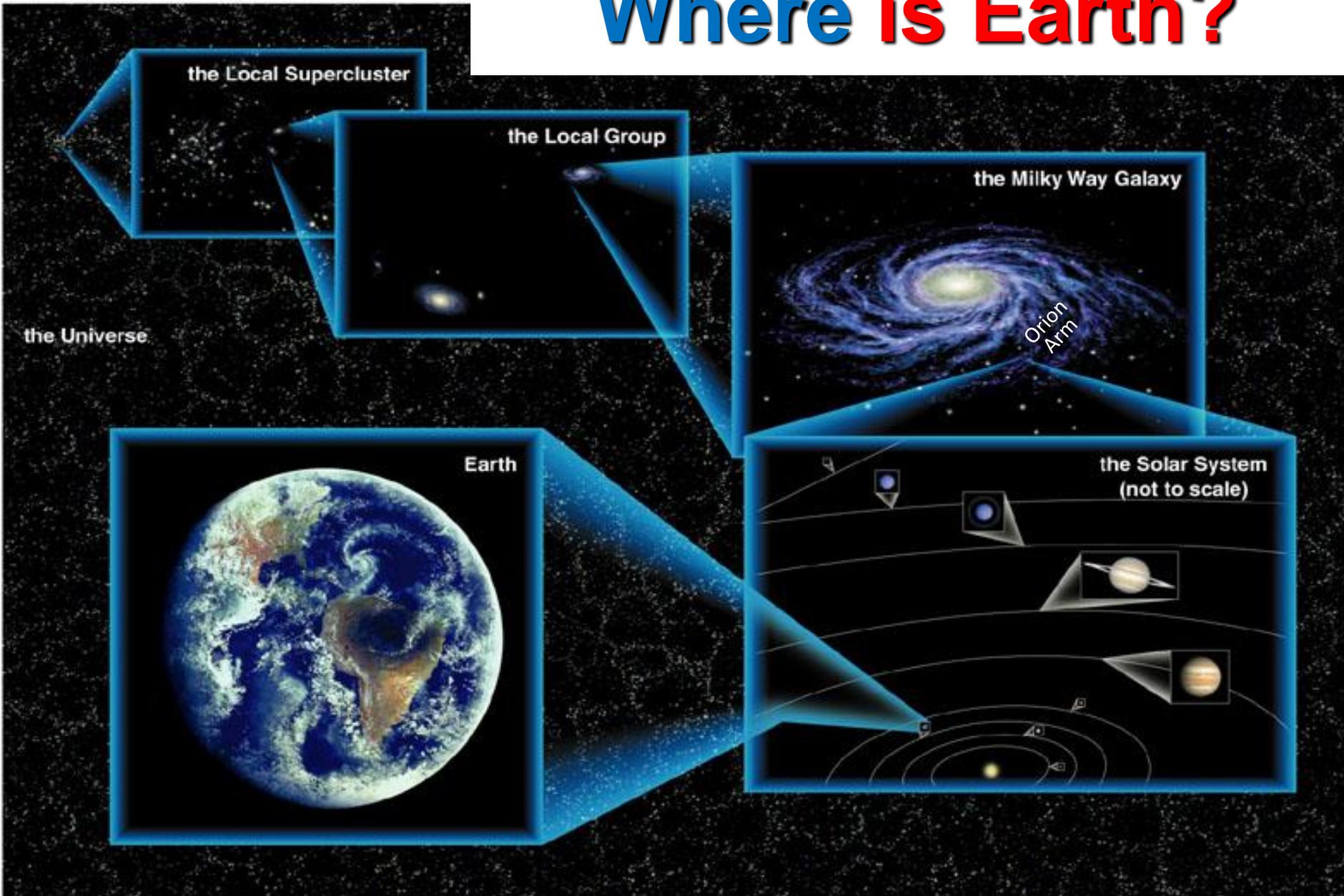
the Milky Way Galaxy

the Universe

Orion Arm

Earth

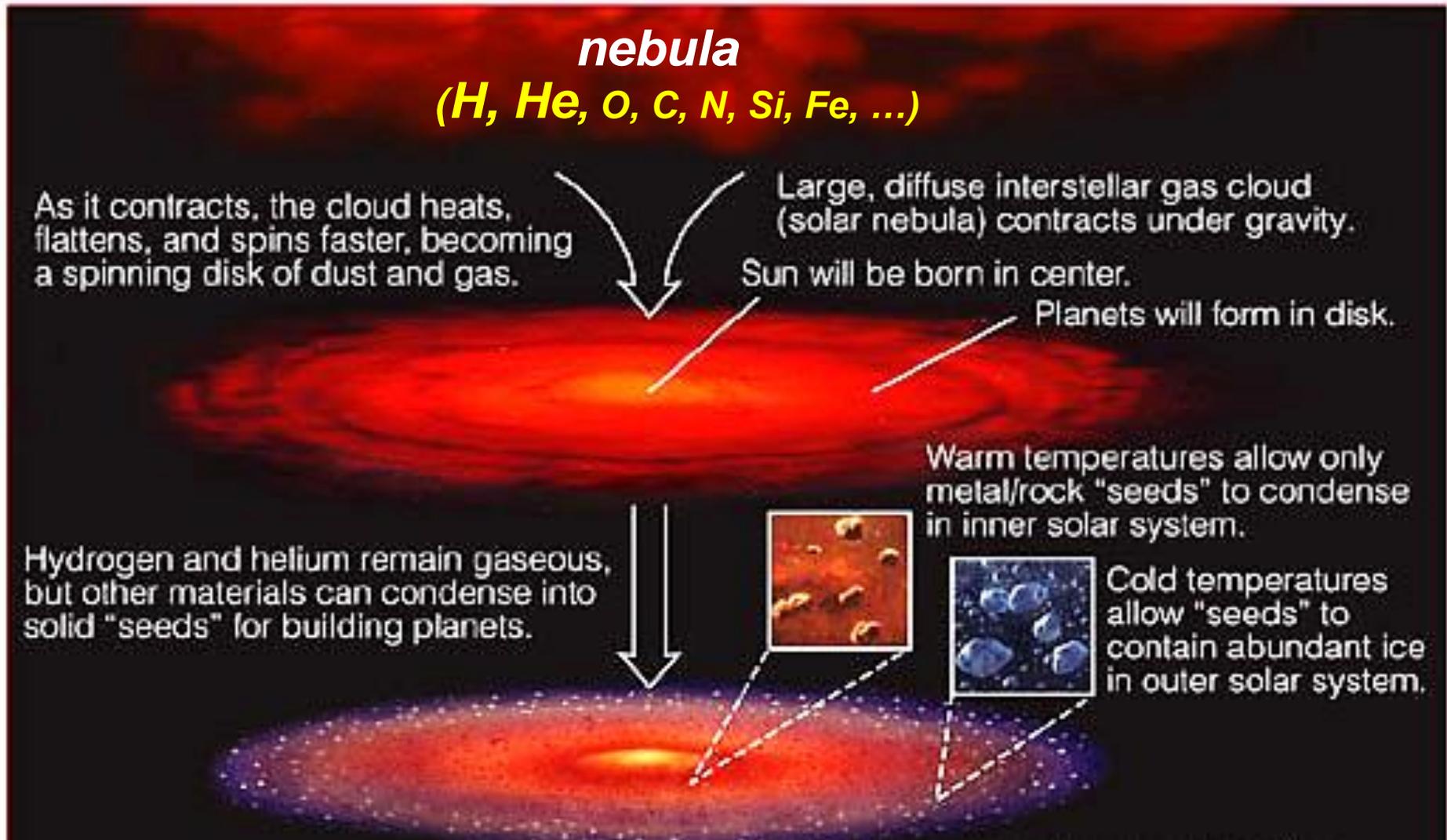
the Solar System  
(not to scale)



# The Formation of the Solar System

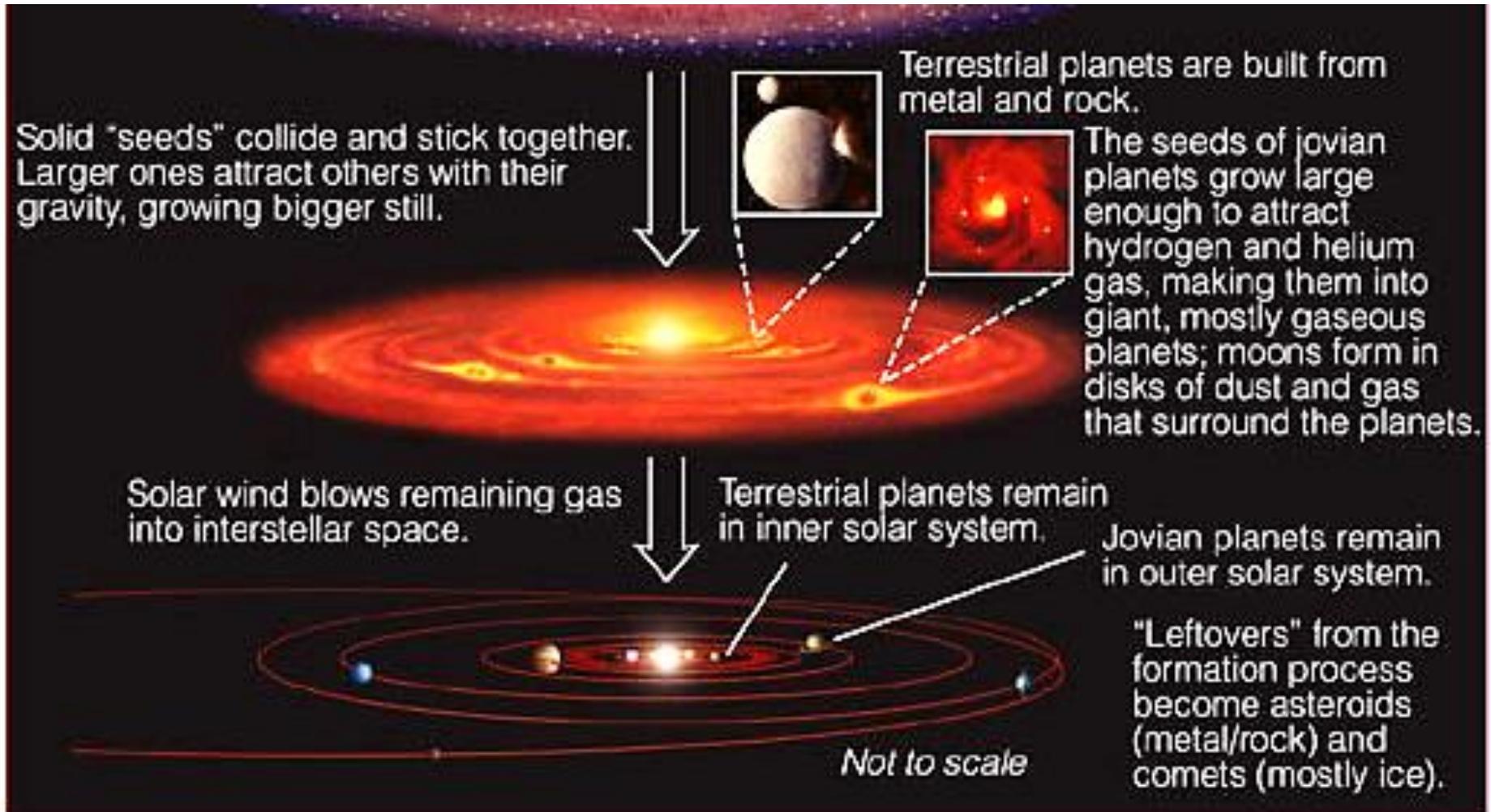
(~4.6 billion years ago)

## *Nebular Hypothesis*



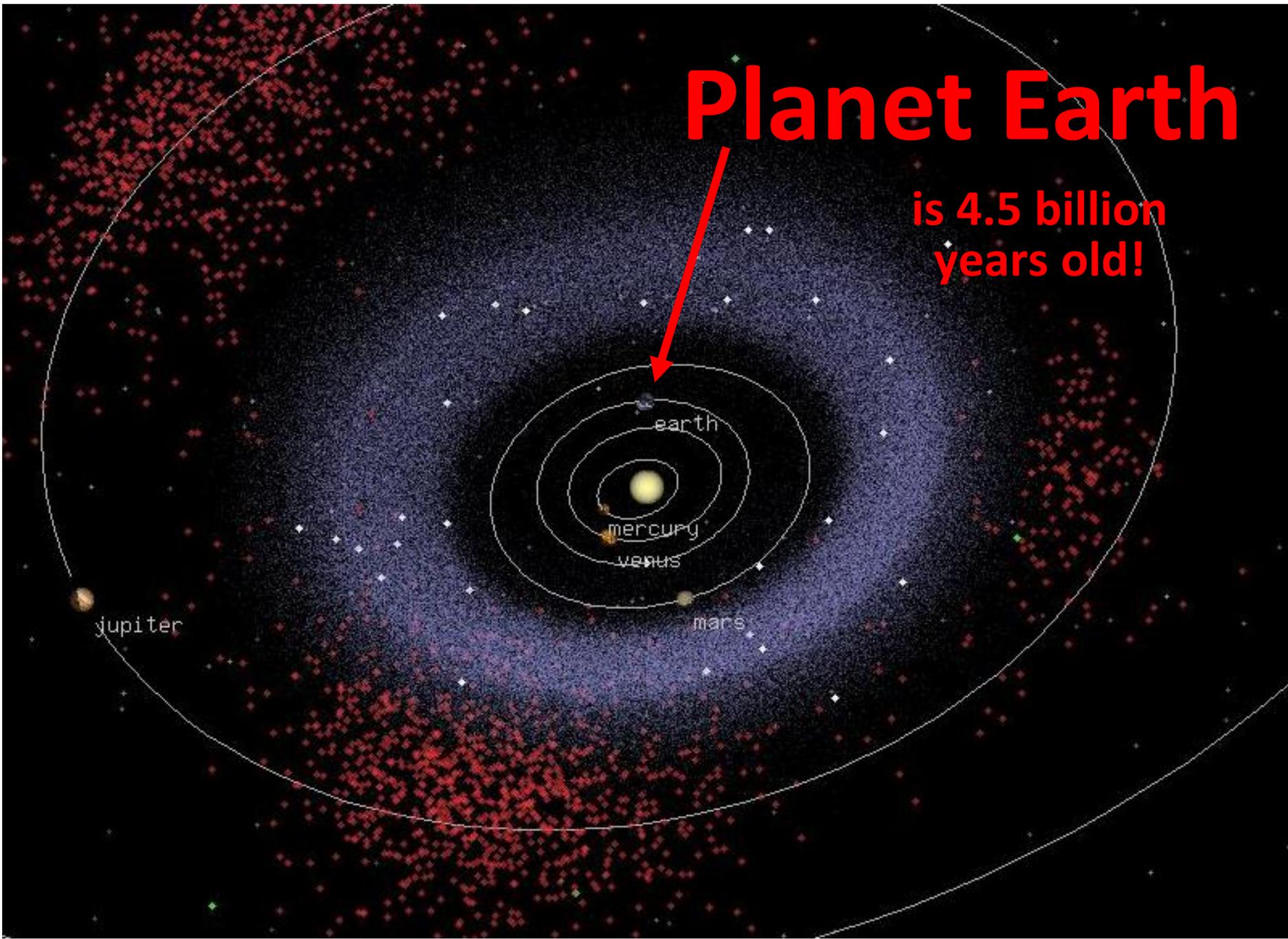
# The Formation of the Solar System

The Sun, planets, moons, comets, asteroids are believed to form within 50-100 million years.



# Planet Earth

is 4.5 billion  
years old!



jupiter

mars

earth

mercury

venus

# What do we see from Earth?

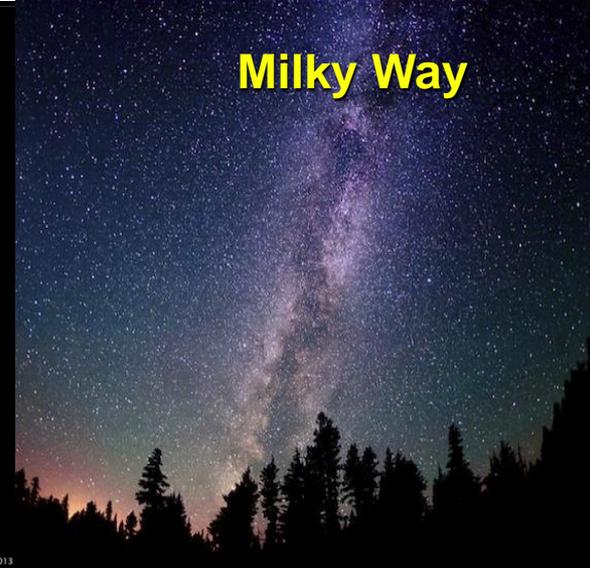
Sun



Moon



Milky Way



Meteorites



Constellation Orion



Mars

