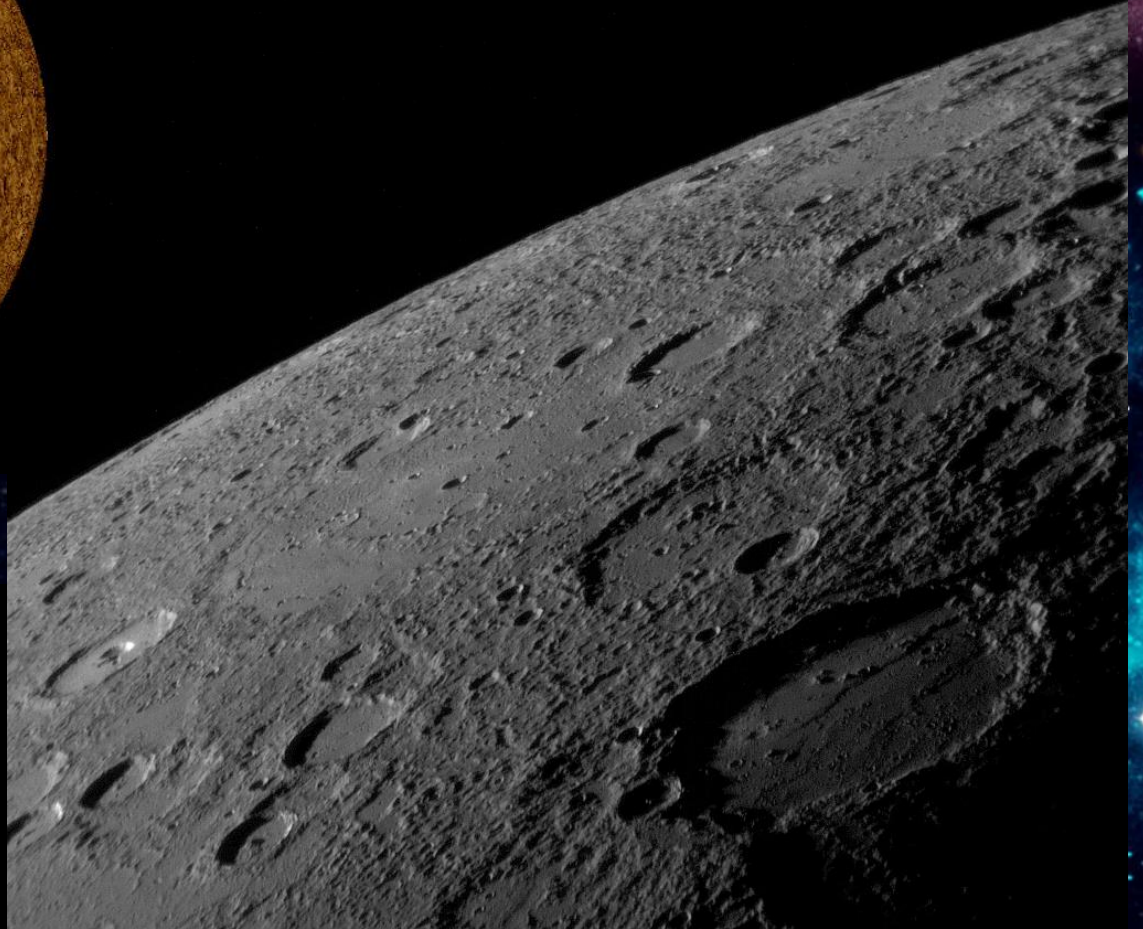
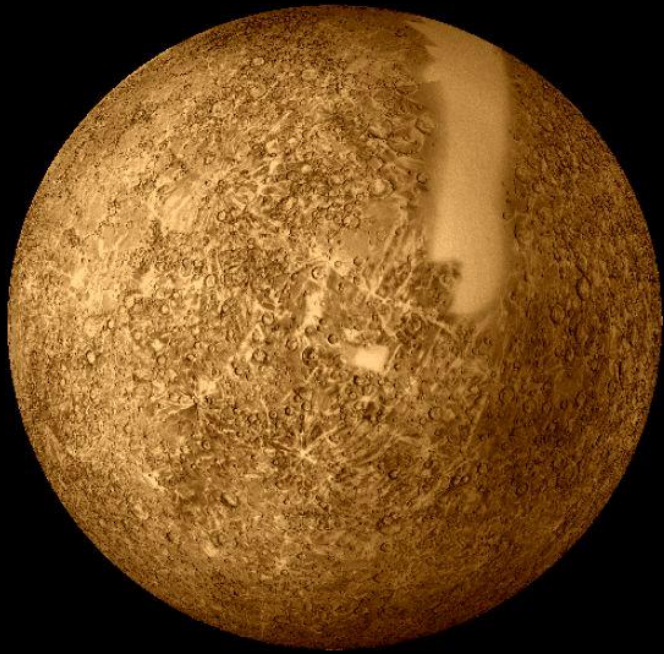


# **The Inner Planets**

**a.k.a terrestrial planets**

# Mercury

- **Terrestrial (rocky land) planet**
- **Closest planet to the Sun**
- **Heavily cratered surface**
- **Smallest planet in our solar system**



# Venus

- **Terrestrial planet**
- **Extremely high temperature due to runaway greenhouse effect**
- **Covered in volcanoes and mountains**
- **Similar to Earth in size and composition**



# Earth

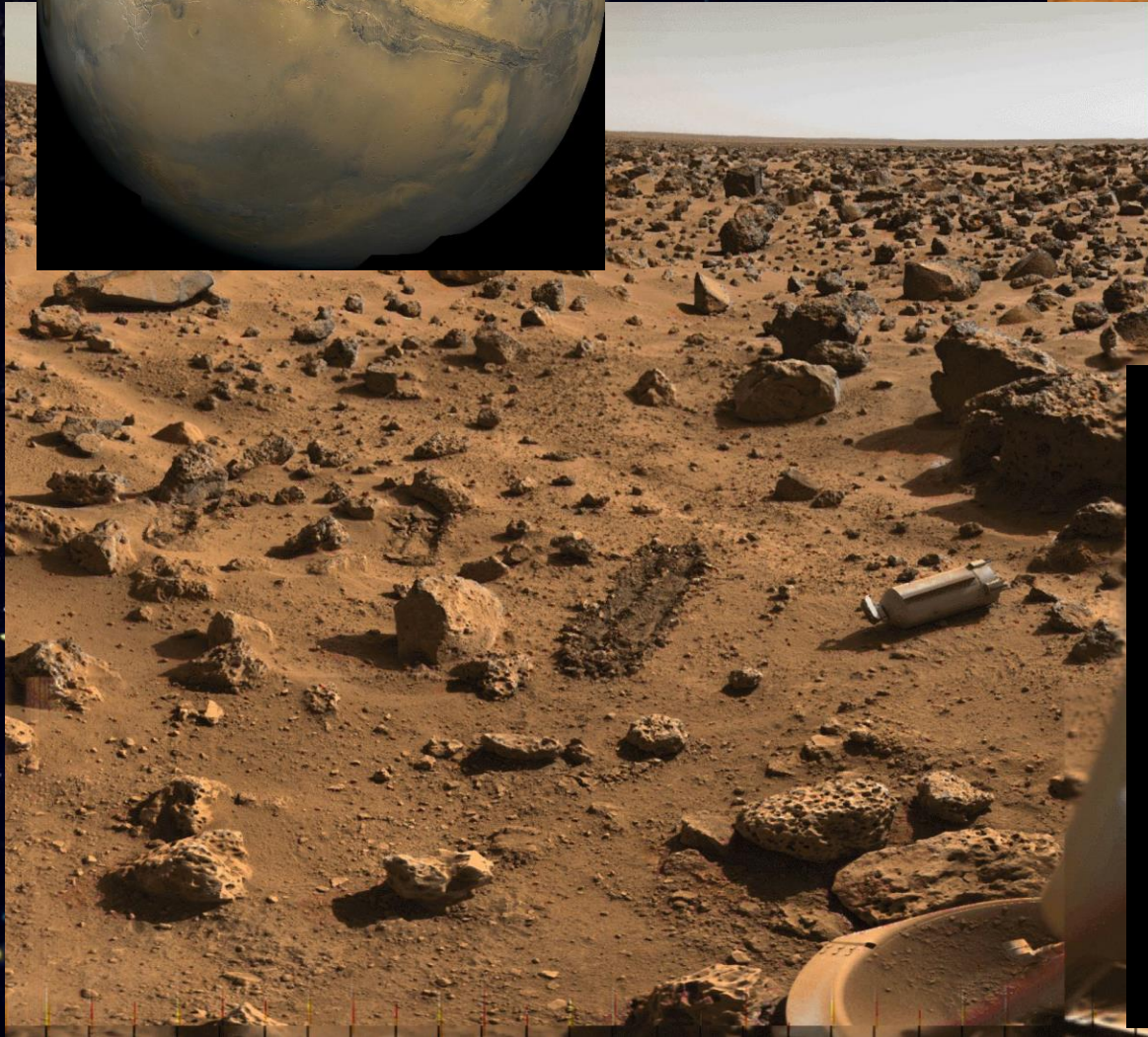
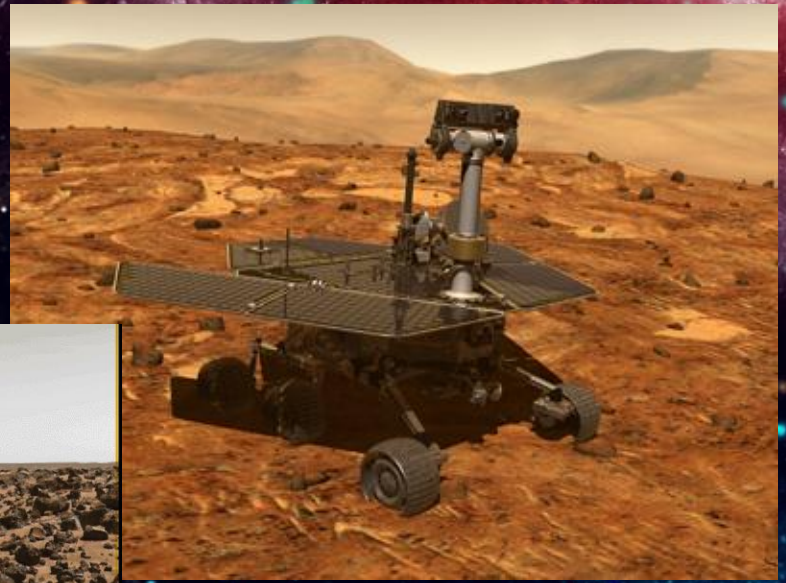
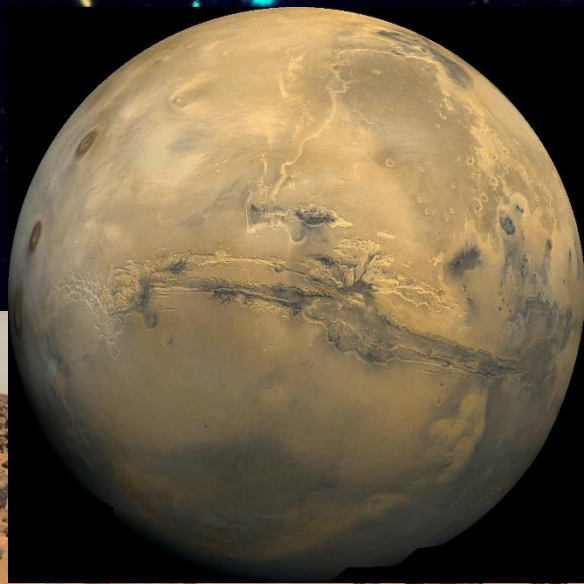
- **Terrestrial planet**
- **Has atmosphere to keep temperatures moderate**  
(temps not too low or high)
- **70% of surfaces are covered with water**
- **Can support life!**



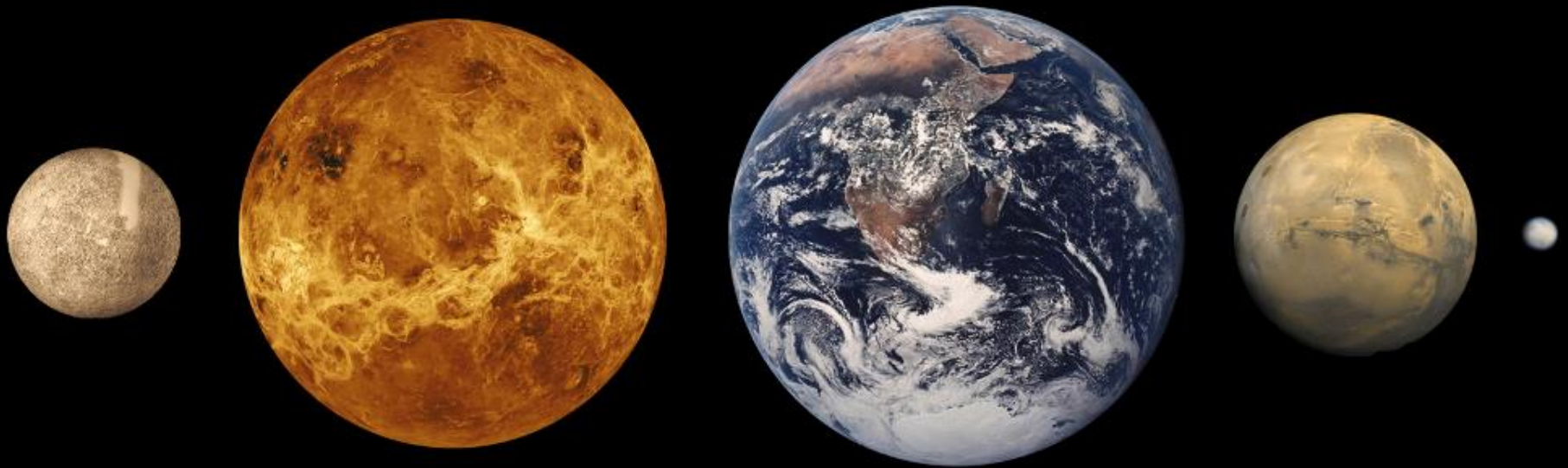
# Mars

- **Terrestrial planet**
- **Reddish in color due to iron in soil**
- **Has seasons and polar ice caps like Earth**
- **Probably once had water on surface**





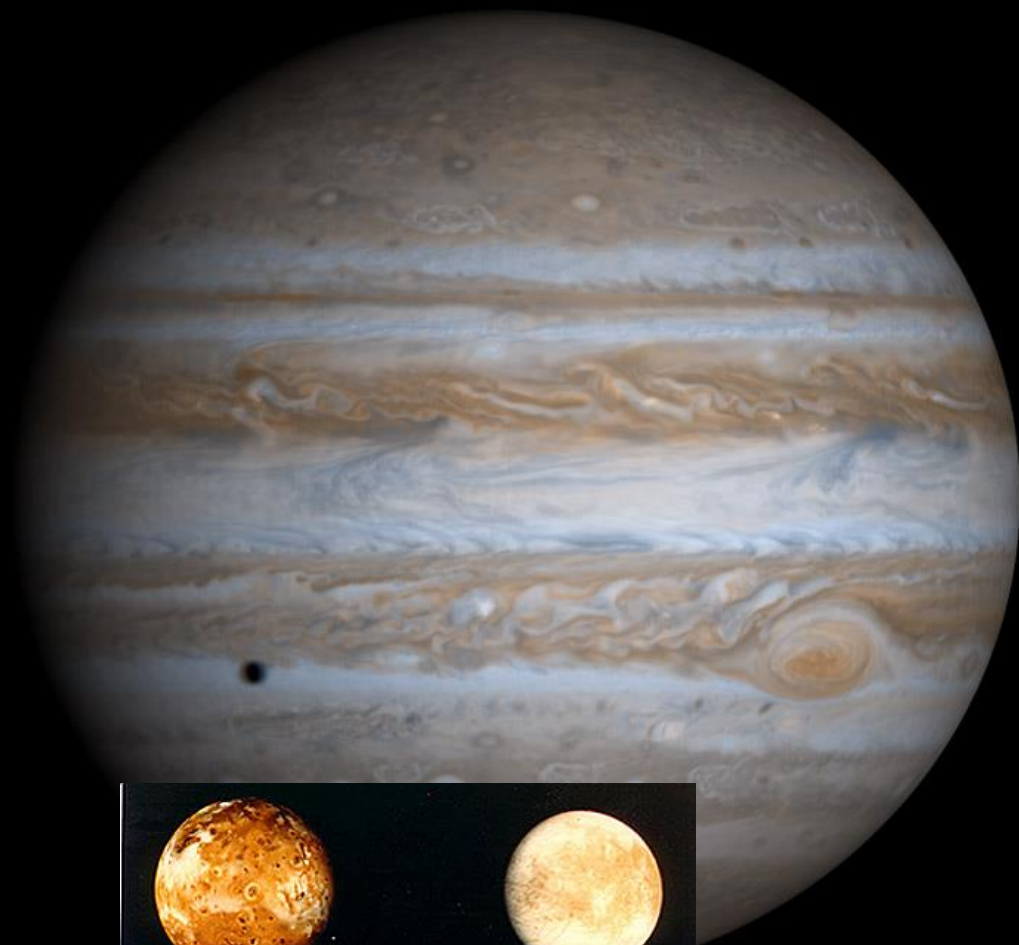
# Terrestrial Planets & Pluto



**\*this image is to scale**

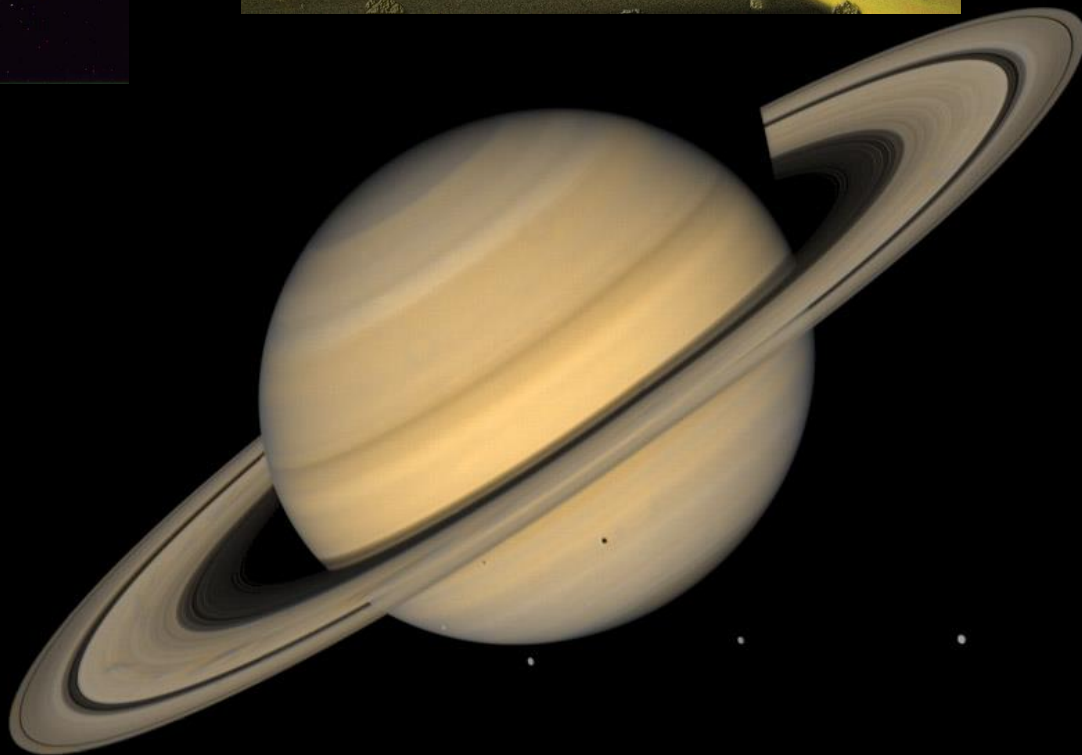
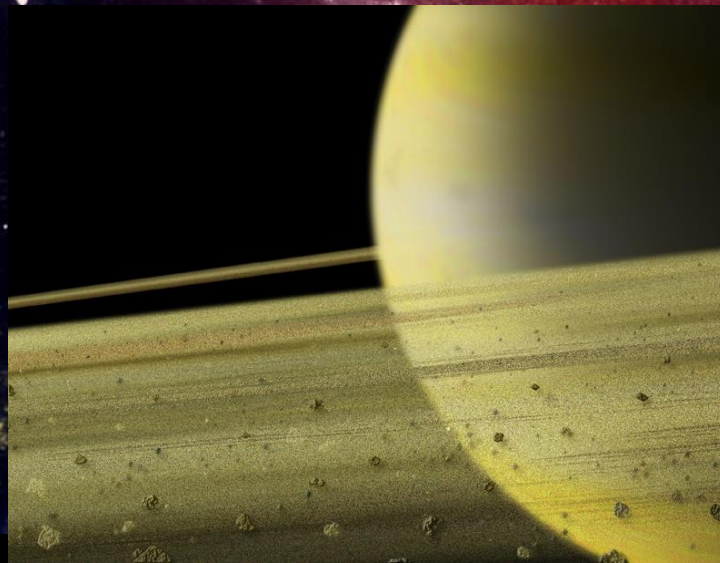
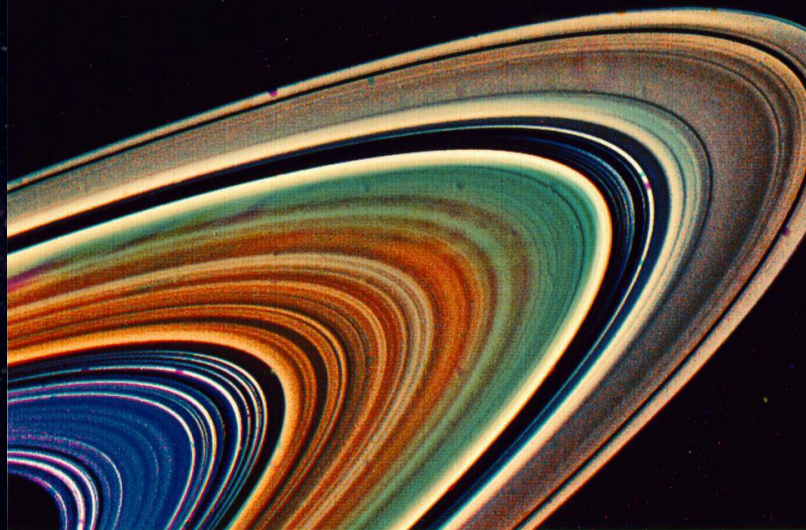
# Jupiter

- **Gas giant**
- **Largest planet**
- **Red spot is large, hurricane-like storm**
- **Rotates very fast**
- **Has ring system**



# Saturn

- **Gas giant**
- **Most extensive, visible ring system**
- **Rings made of ice & dust**
- **Would float in water**

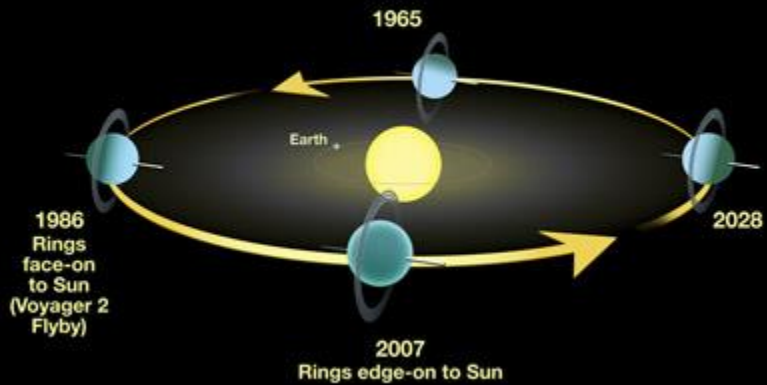


# Uranus

- **Gas giant**
- **Has ring system**
- **Rotates on its side**
- **Similar in size and composition to Neptune**



## Rings of Uranus

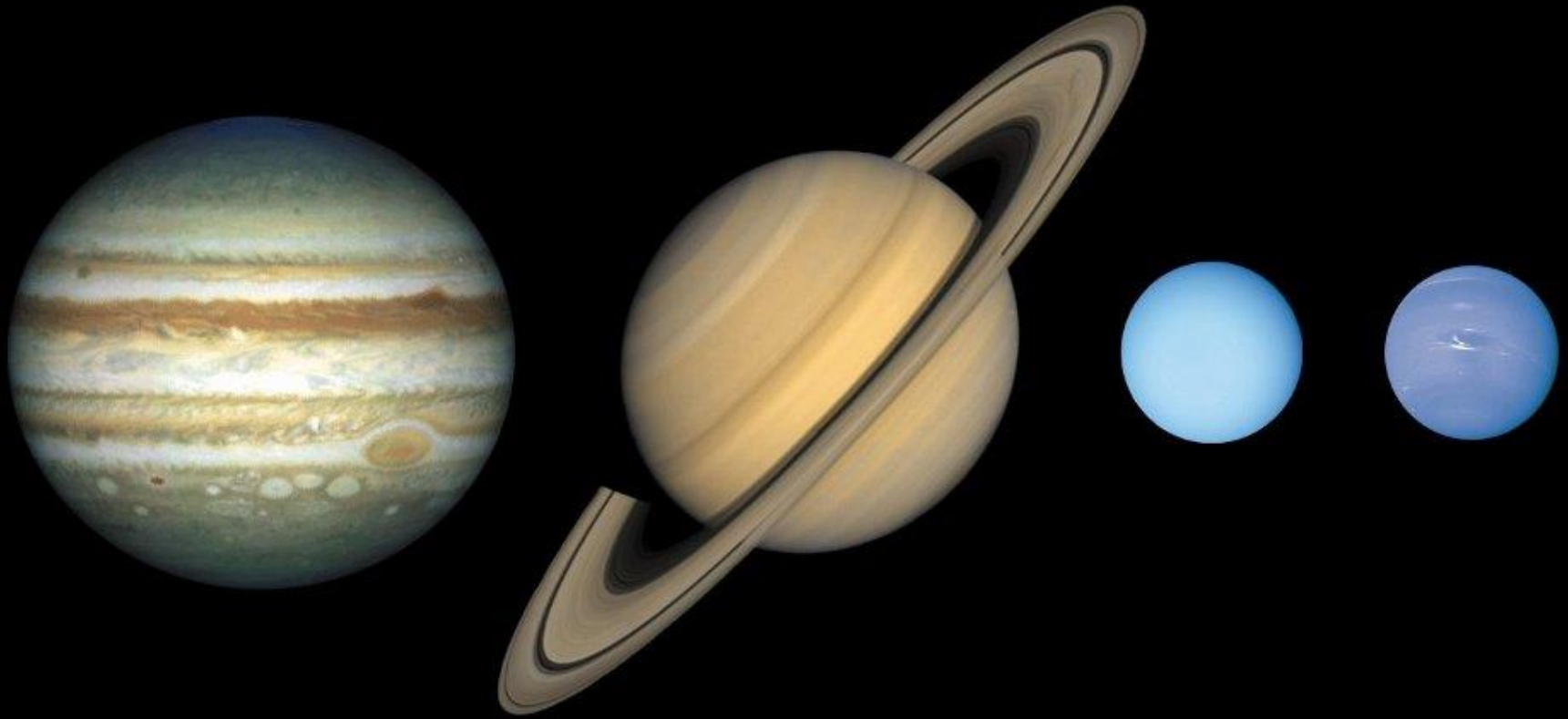




# Neptune

- **Gas giant**
- **Has ring system**
- **Gives off more heat than it gets from the Sun**
- **Similar in size and composition to Uranus**
- **Farthest planet from the Sun**

# Outer Planets



**\*this image is to scale**

Jupiter

Saturn

Uranus

Neptune

Earth

Pluto

