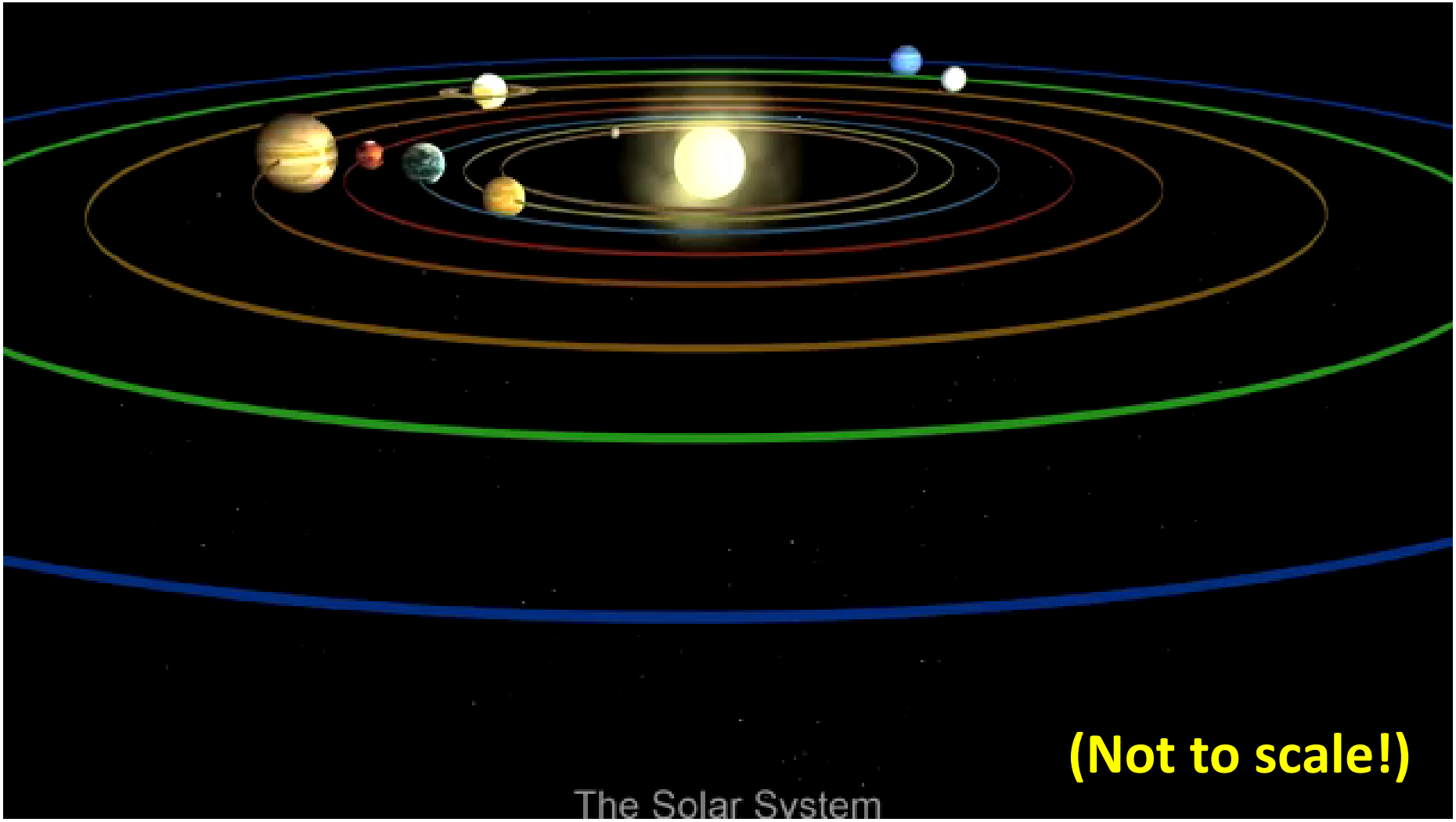
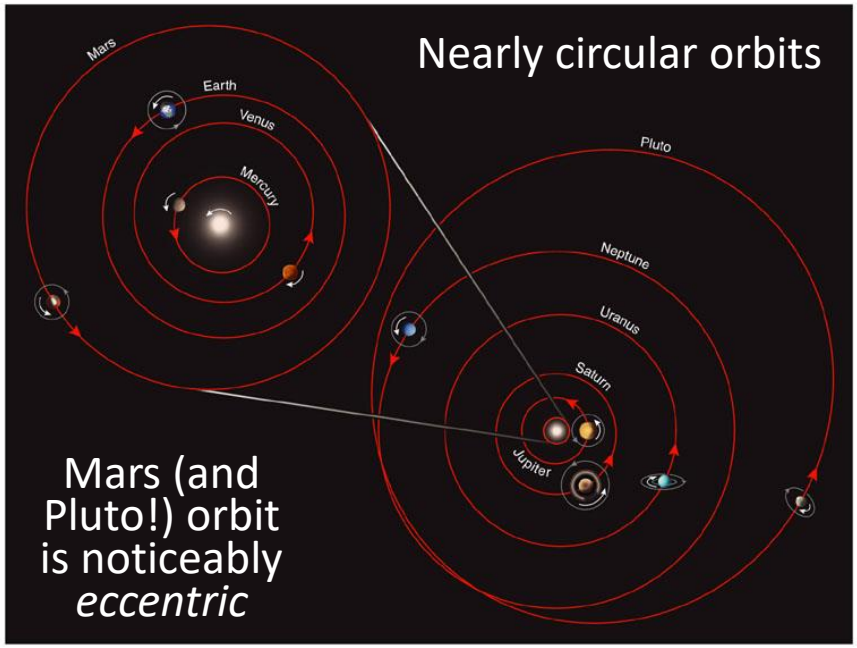
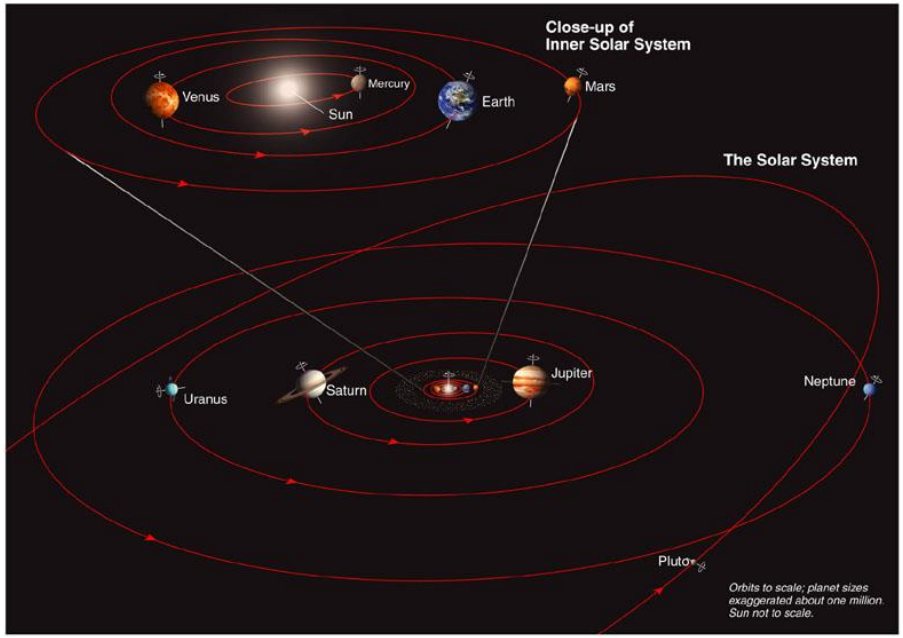
Solar System Part 2



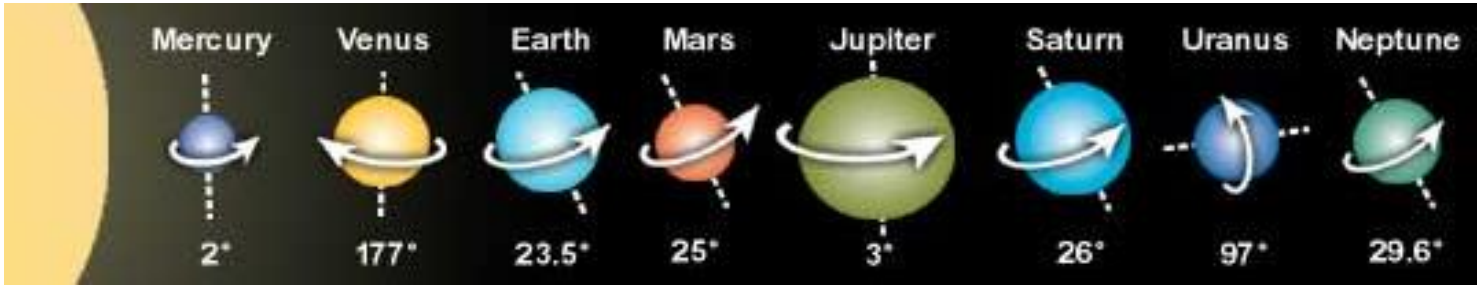
General Characteristics of Major Planets

All planets *revolve* in the same direction following nearly circular orbits, all within 10° of *ecliptics* - Earth's orbital plane.





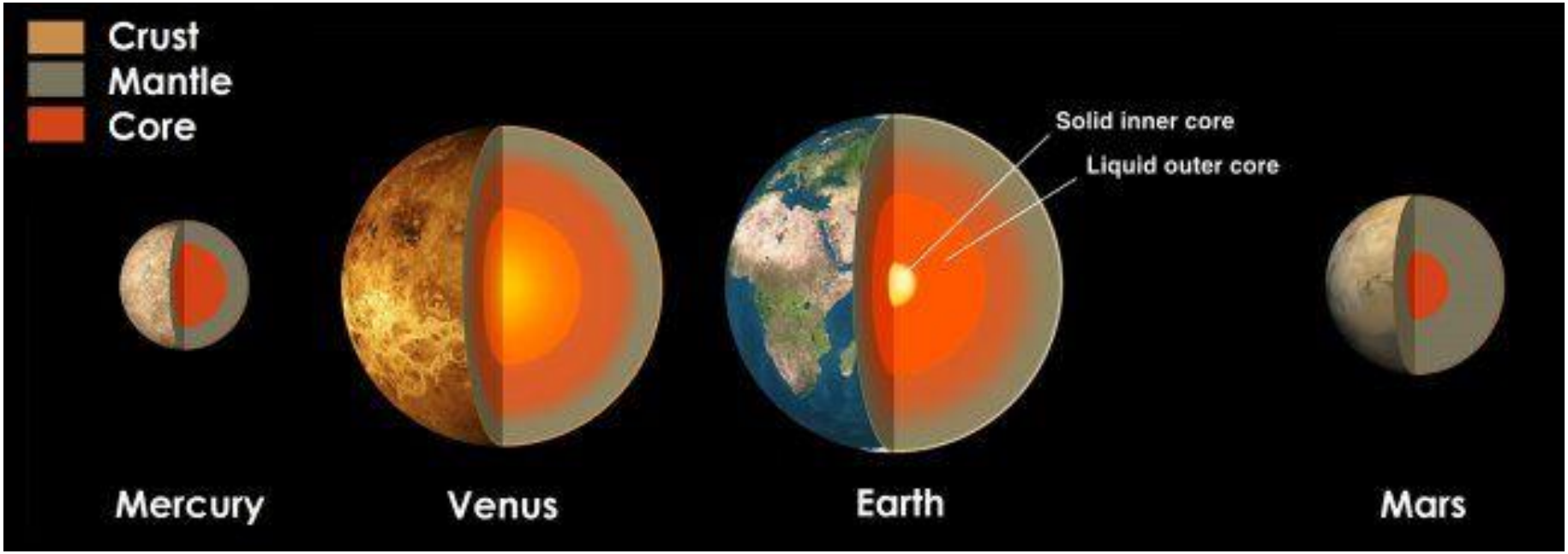
All except Venus *rotate* in the same direction.



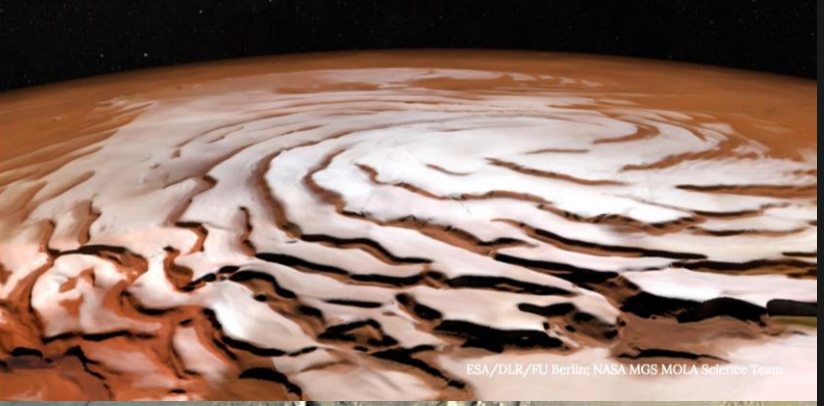
All have various *tilts*.

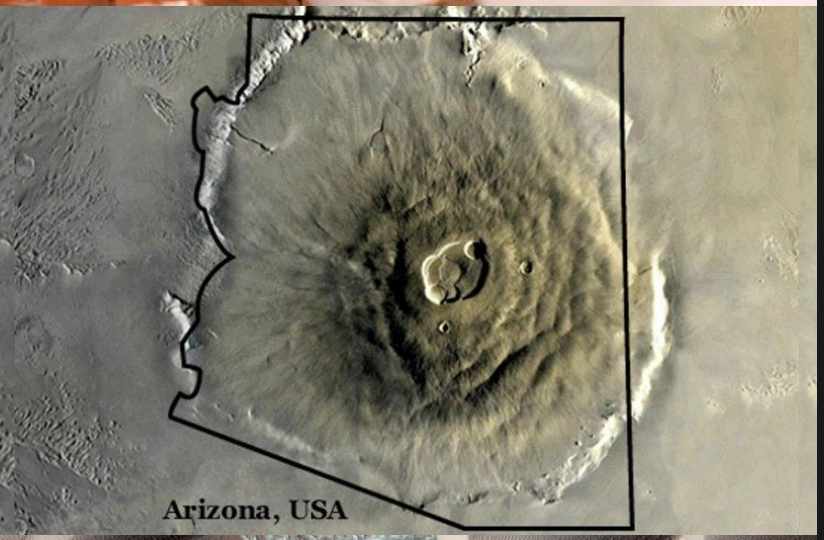
Inner (Terrestrial) Planets

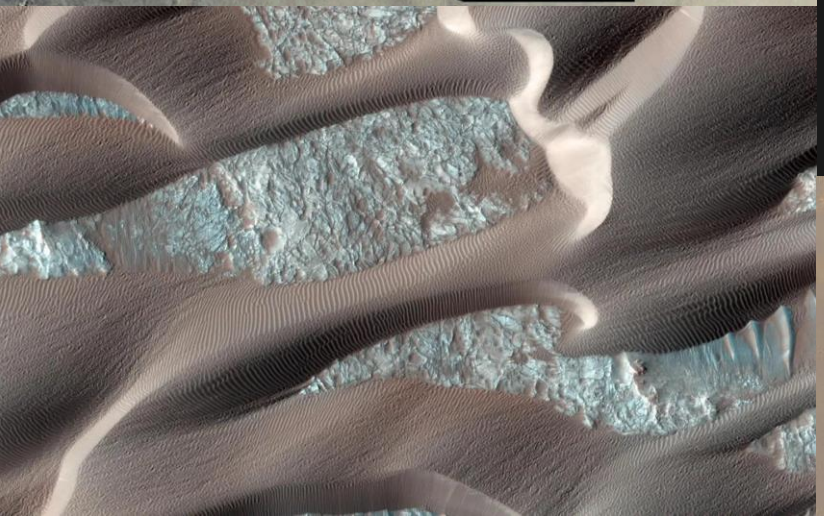
The four "Earth-like" planets closest to the Sun that have a solid "rocky" planetary surface.



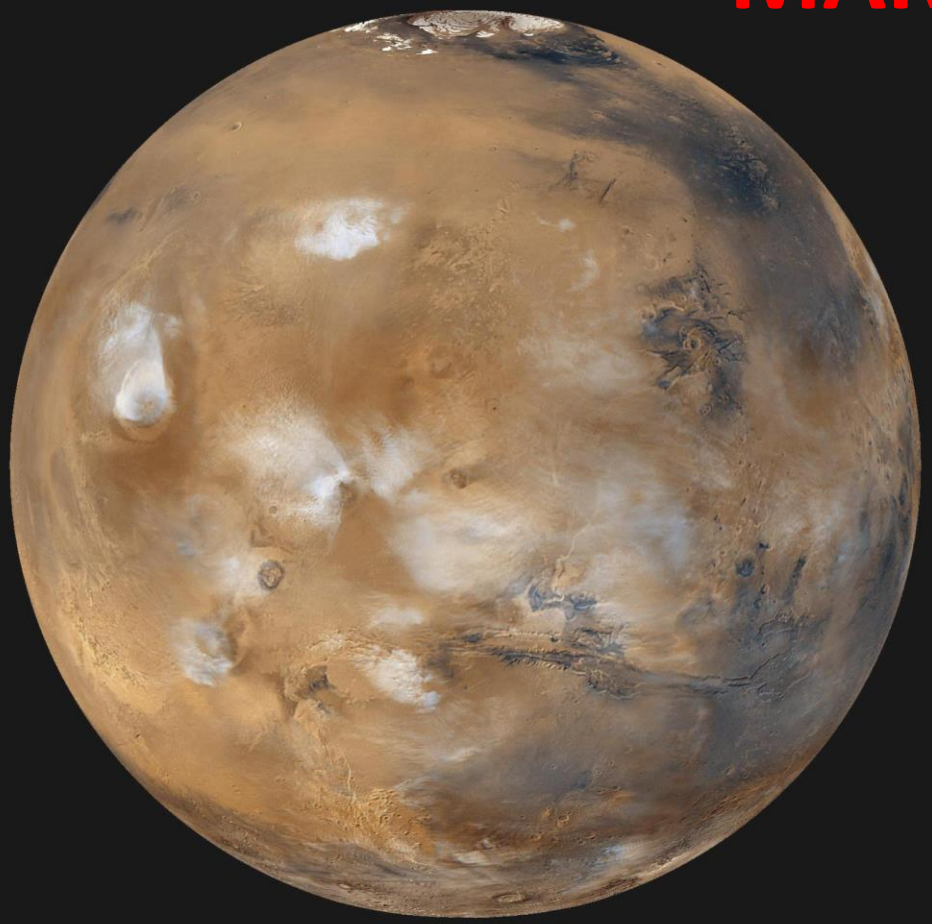
- **Same basic type of structure, such as a central metallic core (mostly iron), with a surrounding silicate mantle.**
- **Possess *secondary atmospheres*, generated through volcanism or comet impacts after planet formation.**

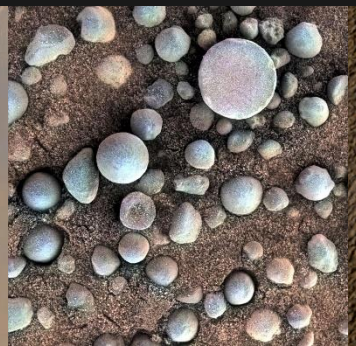






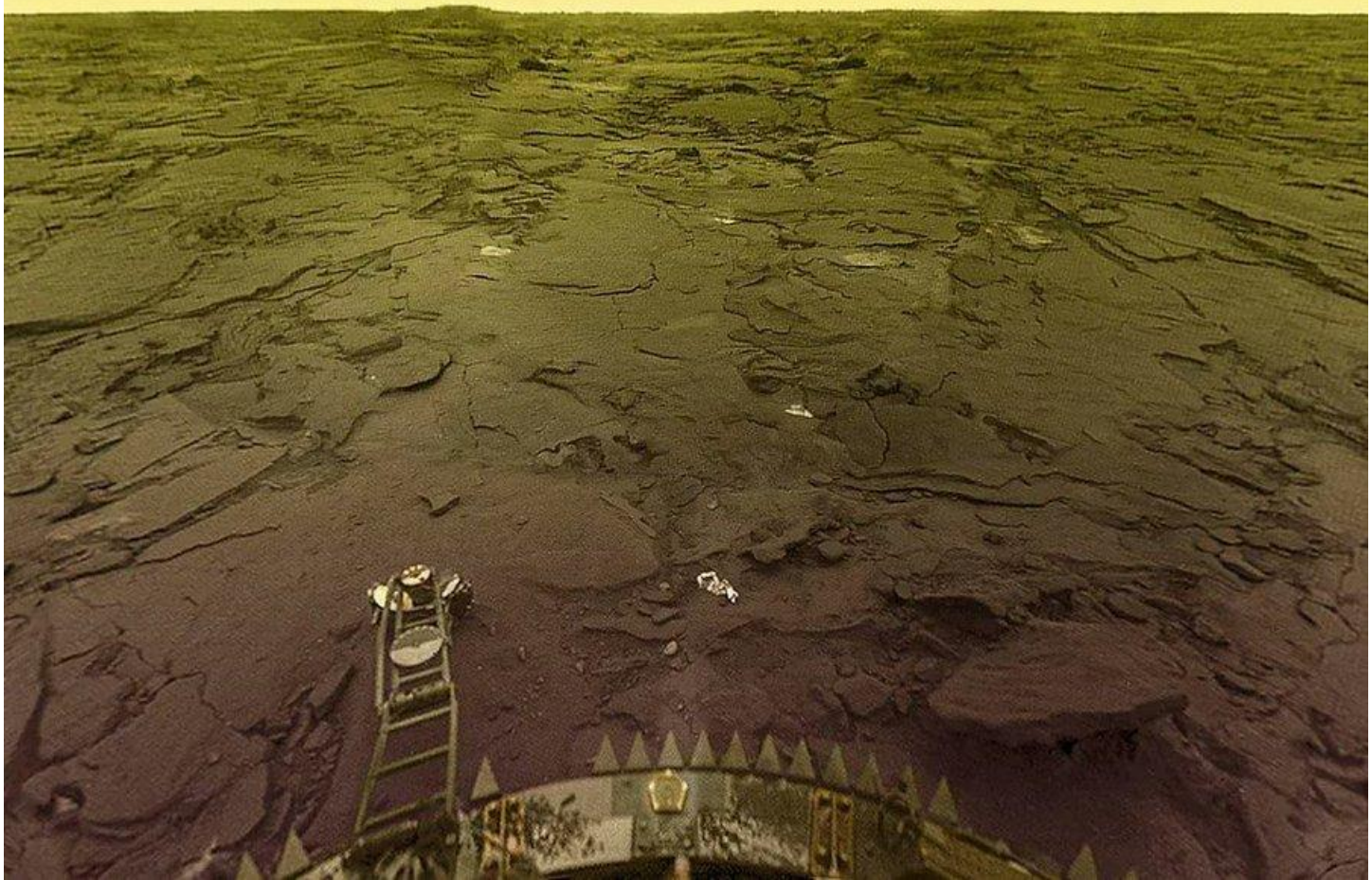
MARS



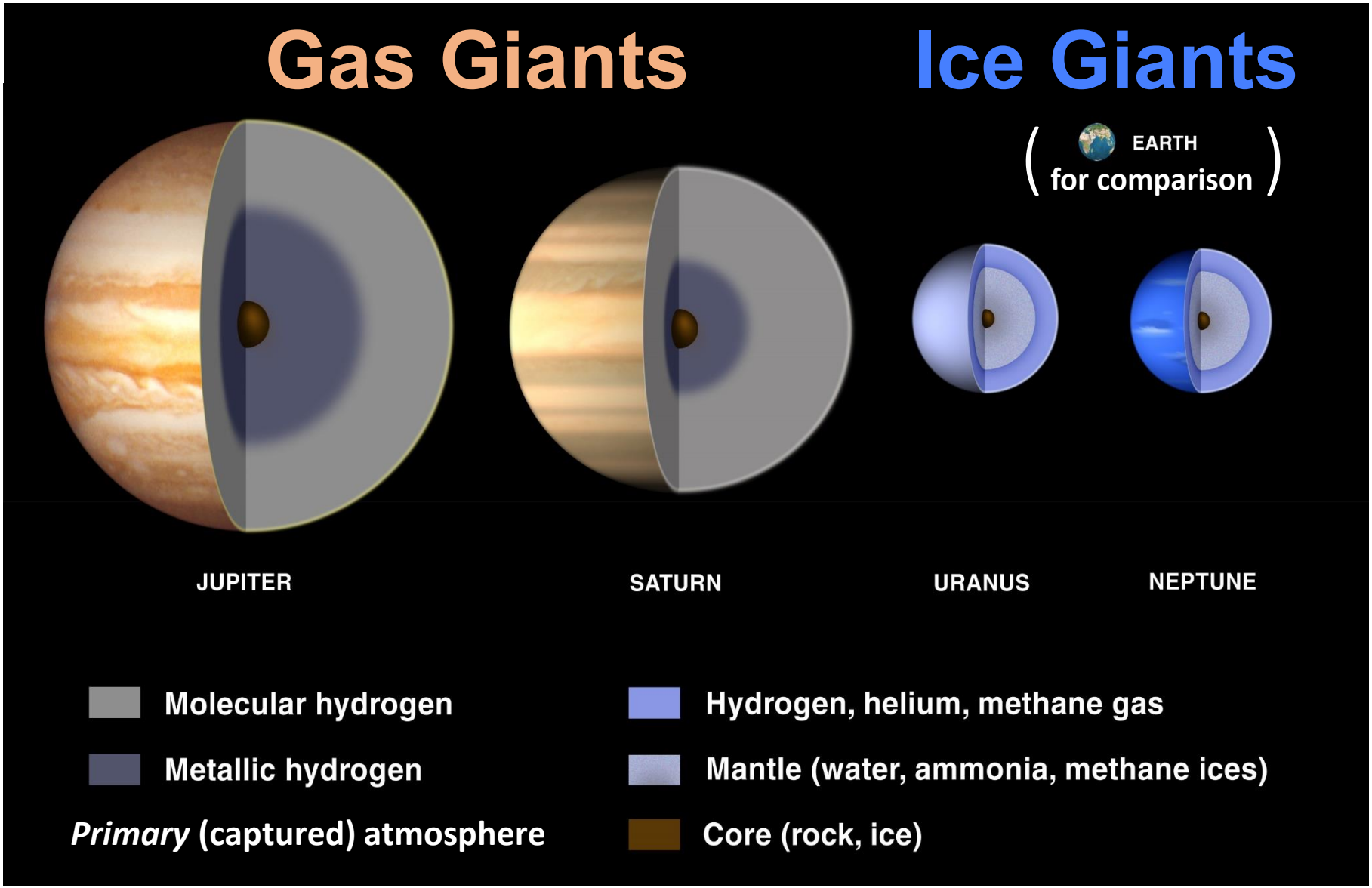


VENUS

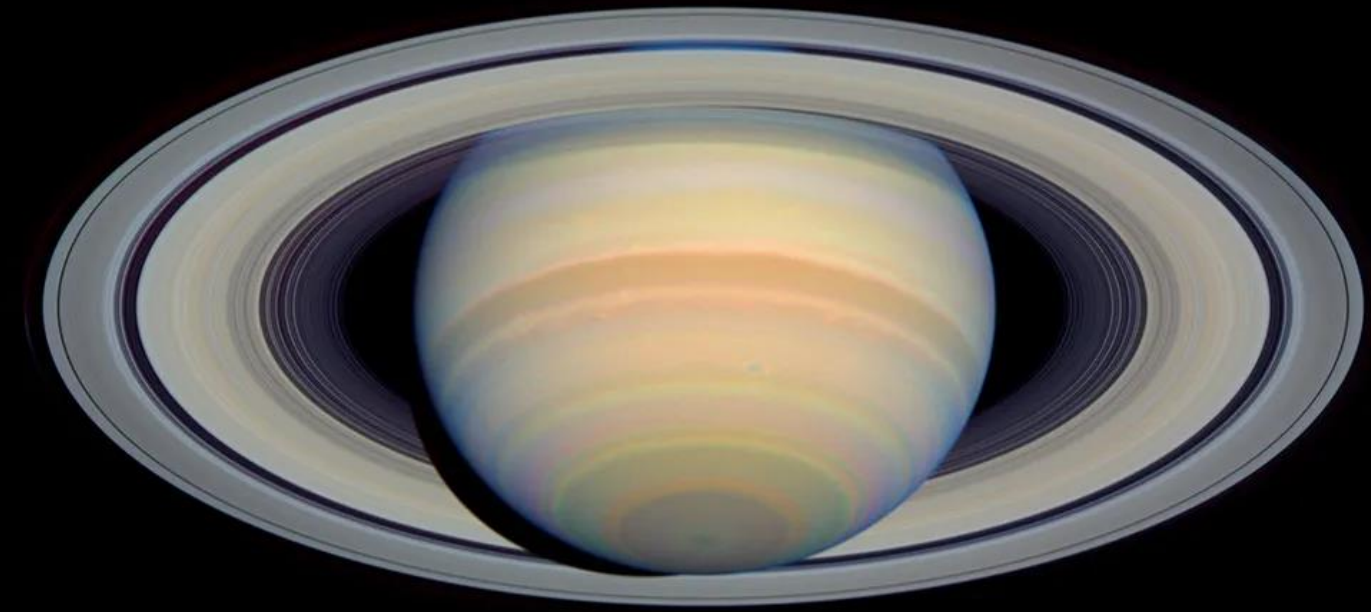
(one of *just a few images we have of Venus surface* – due to hot and acidic environment, all probes that ever landed disintegrated within an hour of landing!)

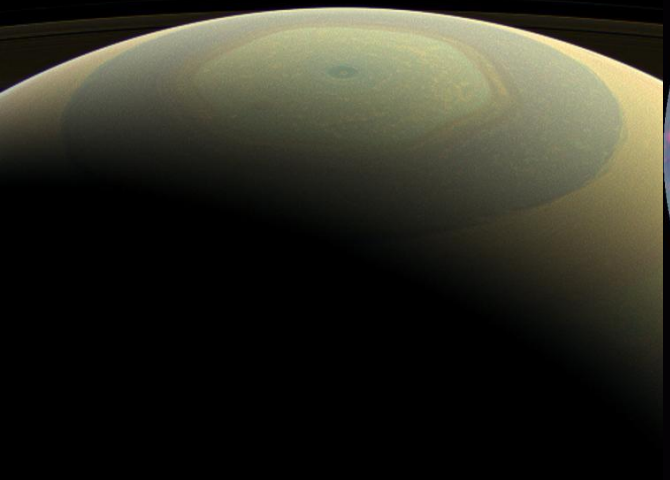


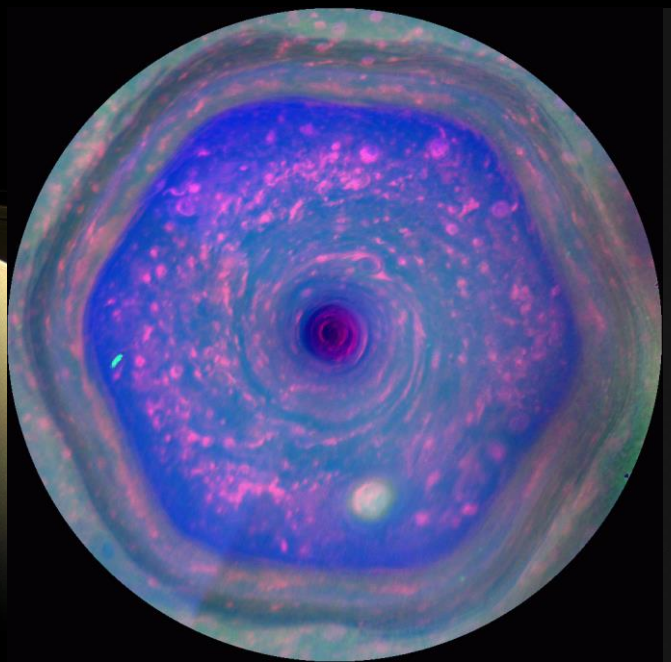
Outer (Jovian) Planets

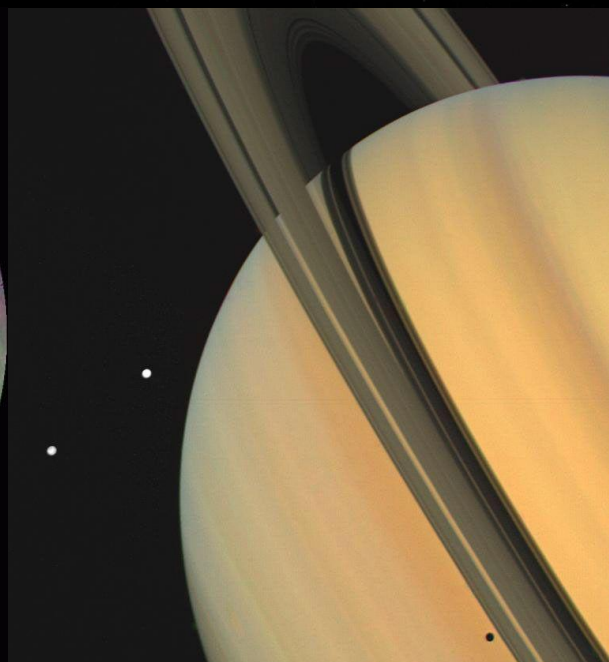


SATURN









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