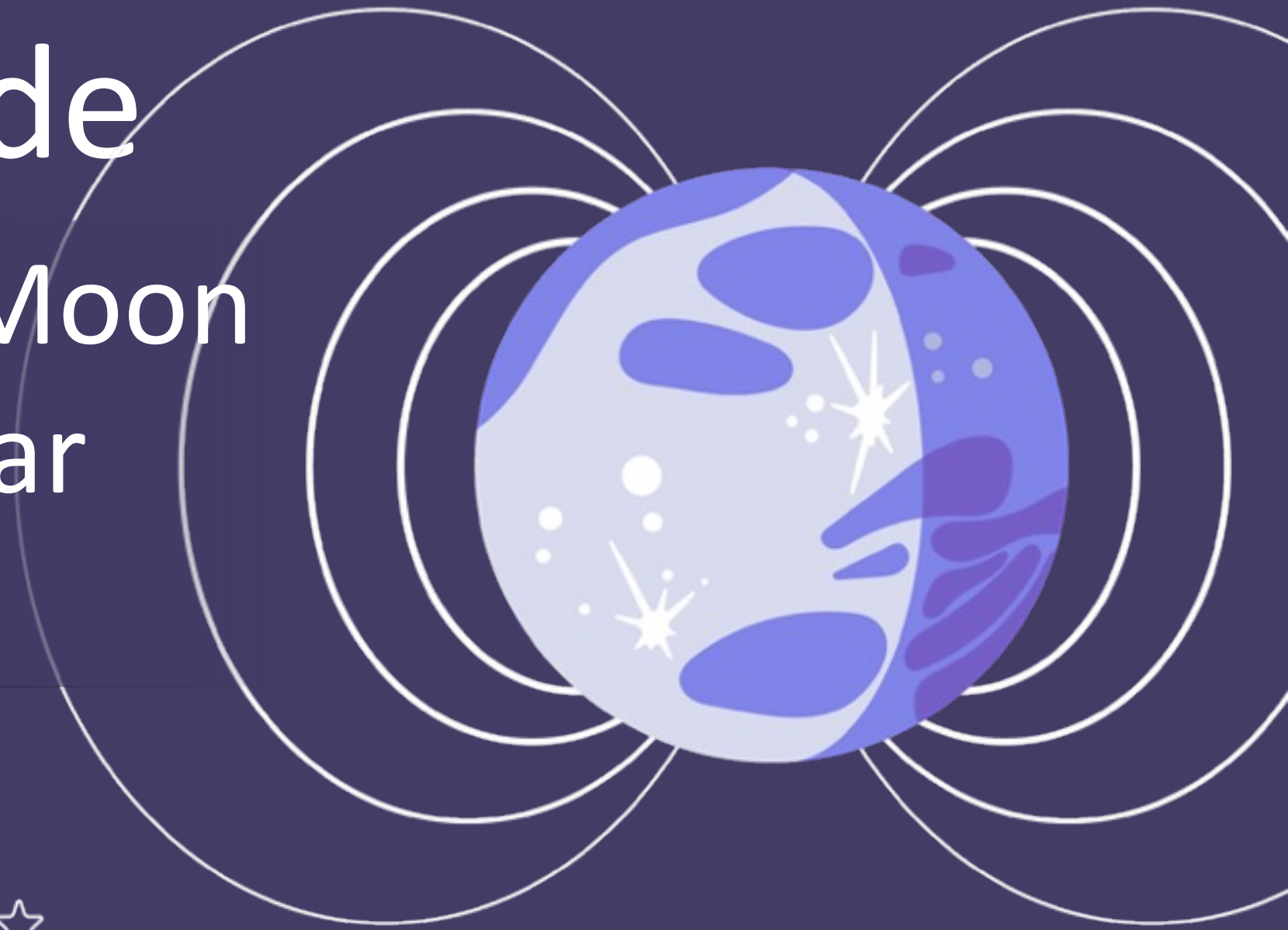


# Ganymede

## The Largest Moon in our Solar System



# Objectives

By the end of this lesson you will be able to:

- Understand why some planets and moons have magnetic fields
- Understand how craters can be used to date geological surfaces
- Understand the causes of aurorae





# Ganymede, Jupiter's giant moon





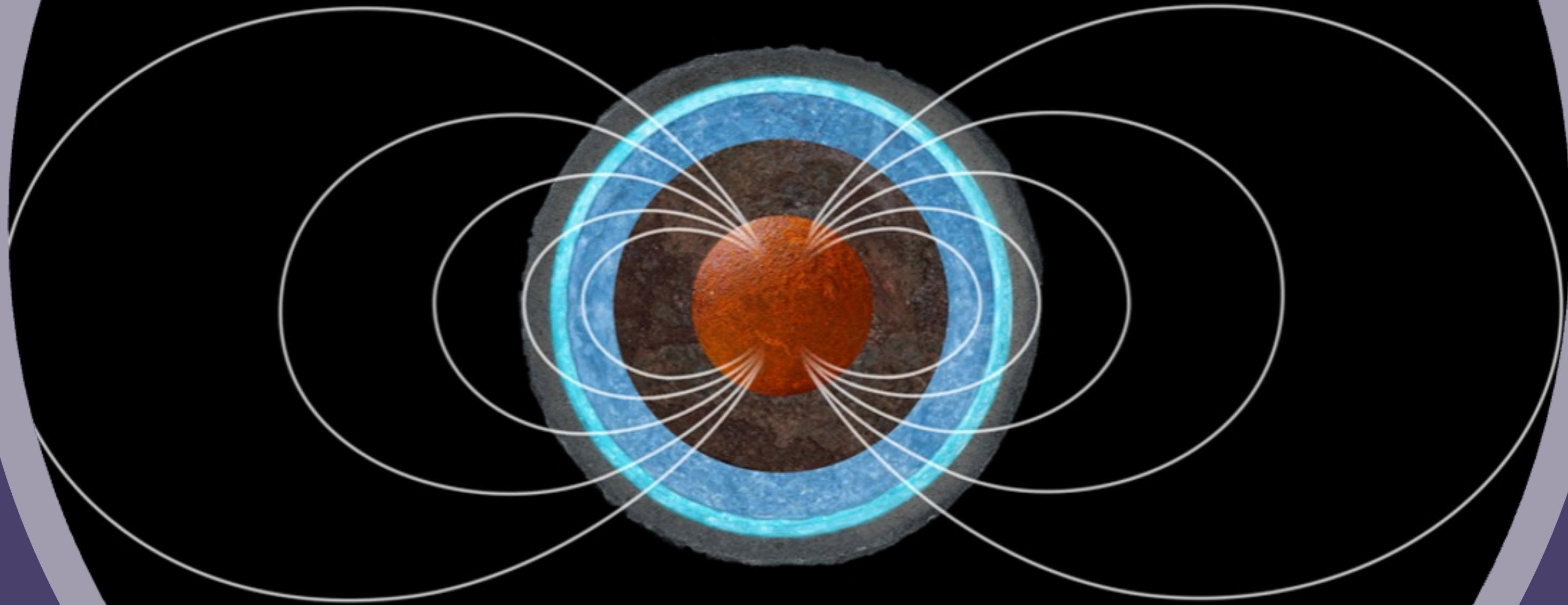


# Introduction to Magnetism





# Magnetosphere of Ganymede



# Magnetic Flux Lines Demonstration

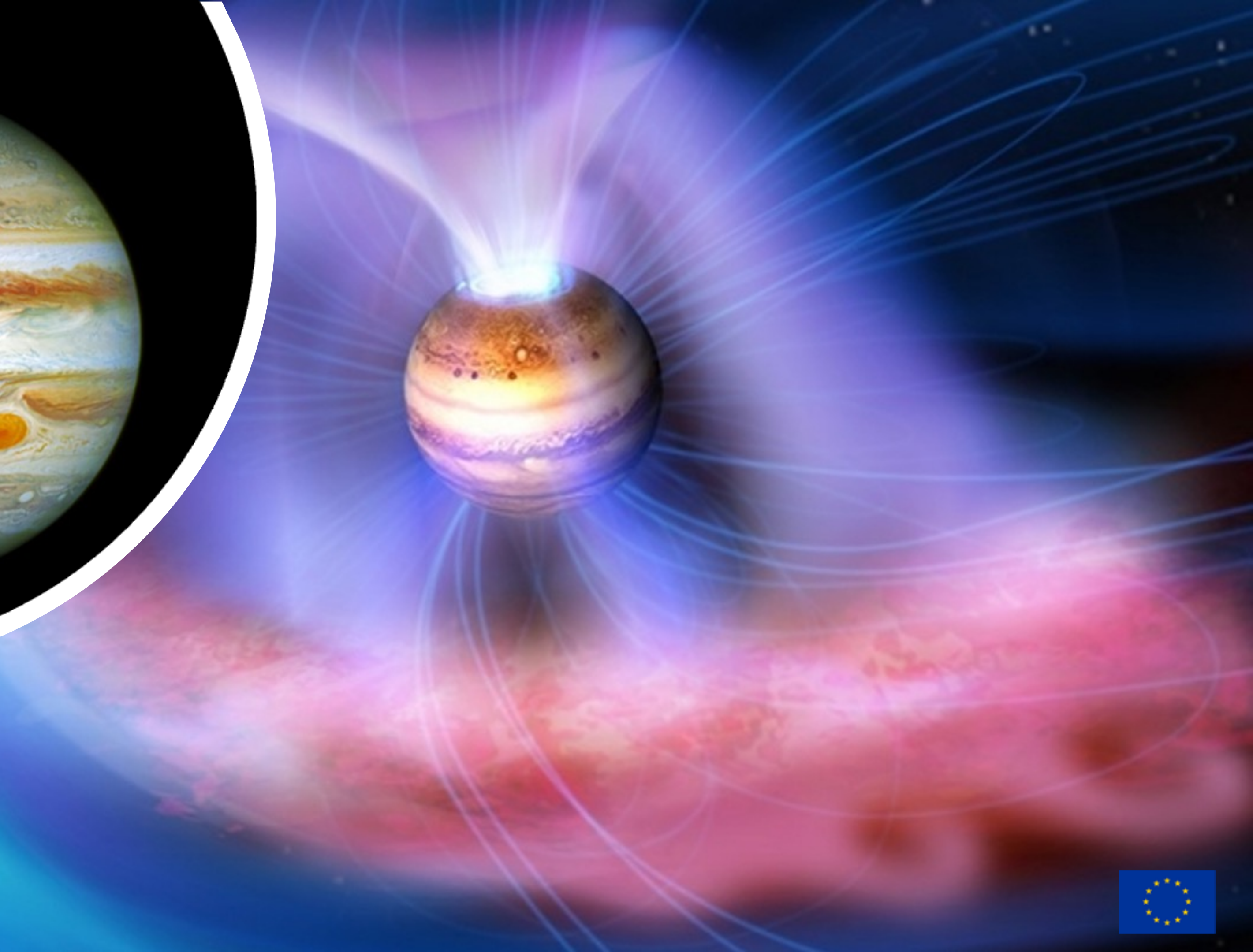
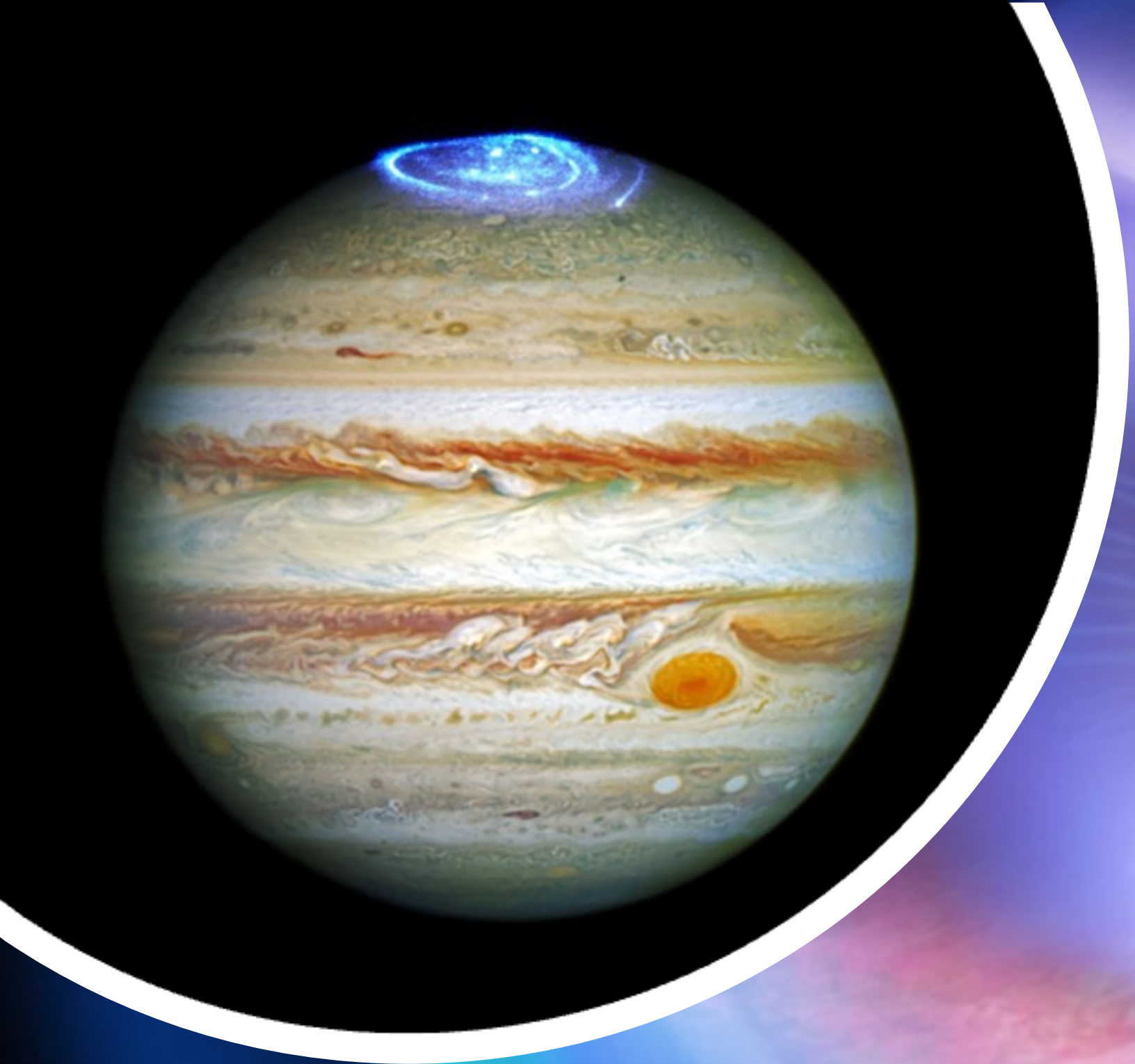


<https://www.youtube.com/watch?v=9lehu09czvw>

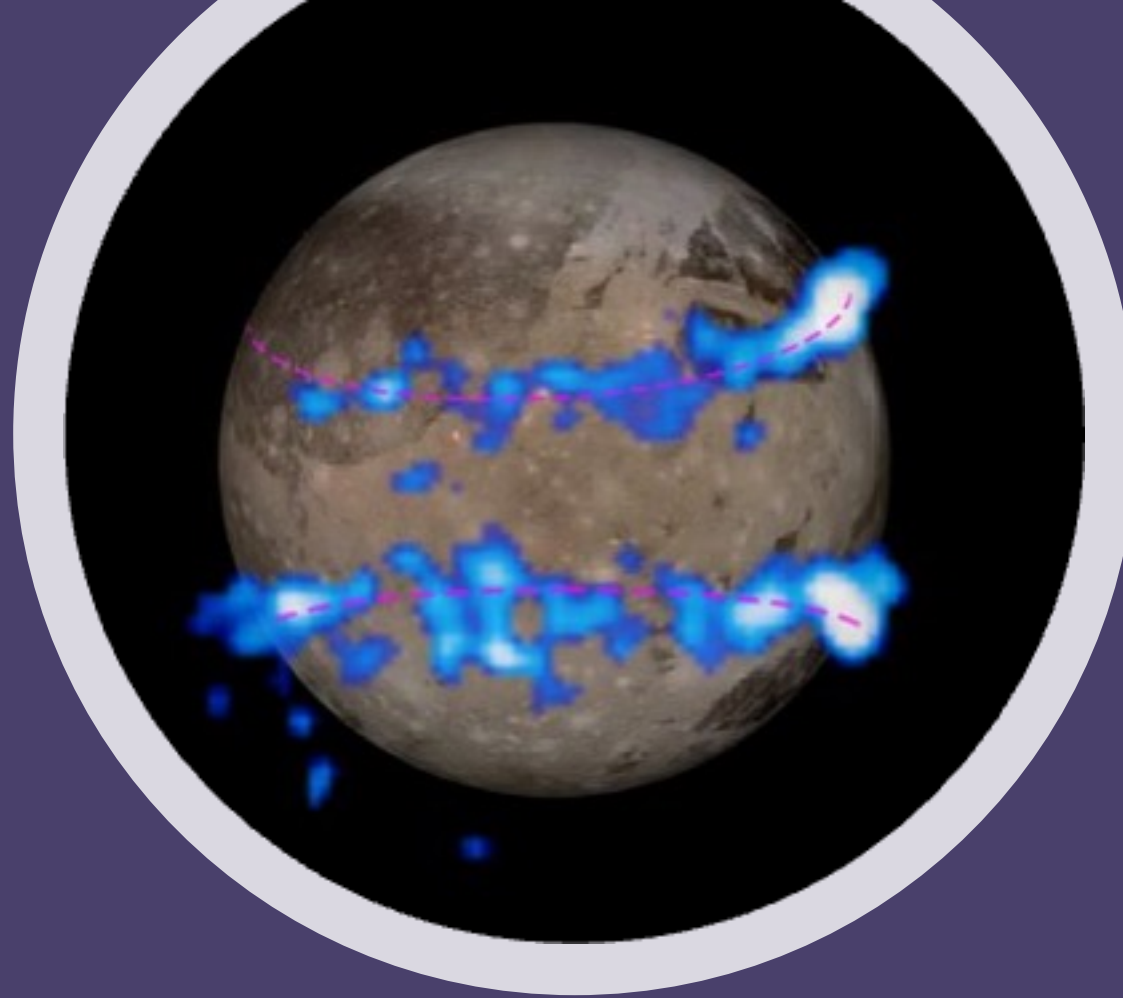












# Ganymede's Aurora



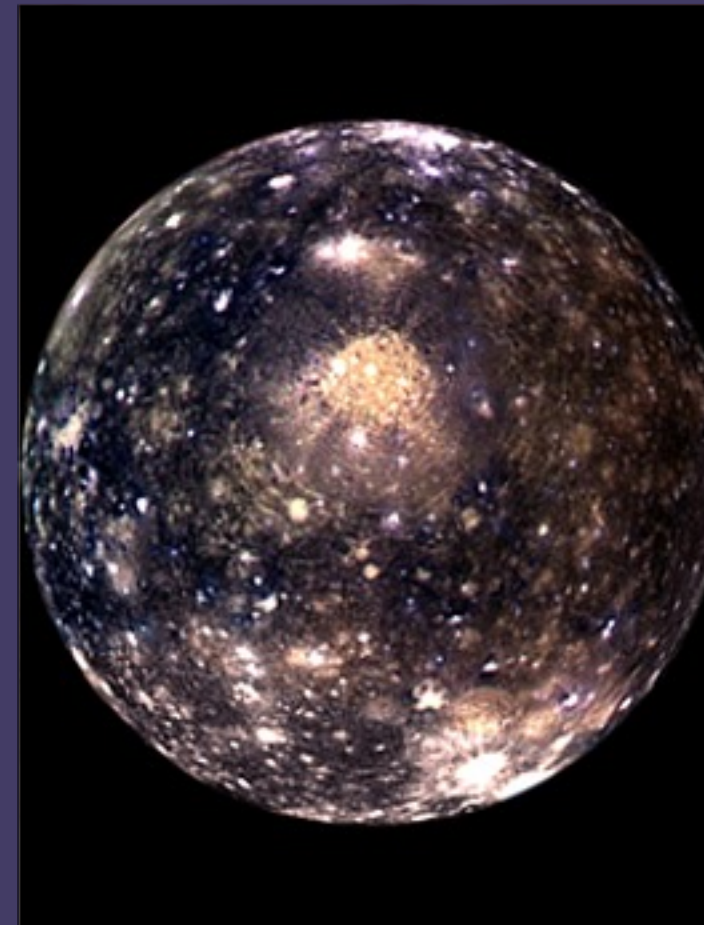
# Recap

Now we can...



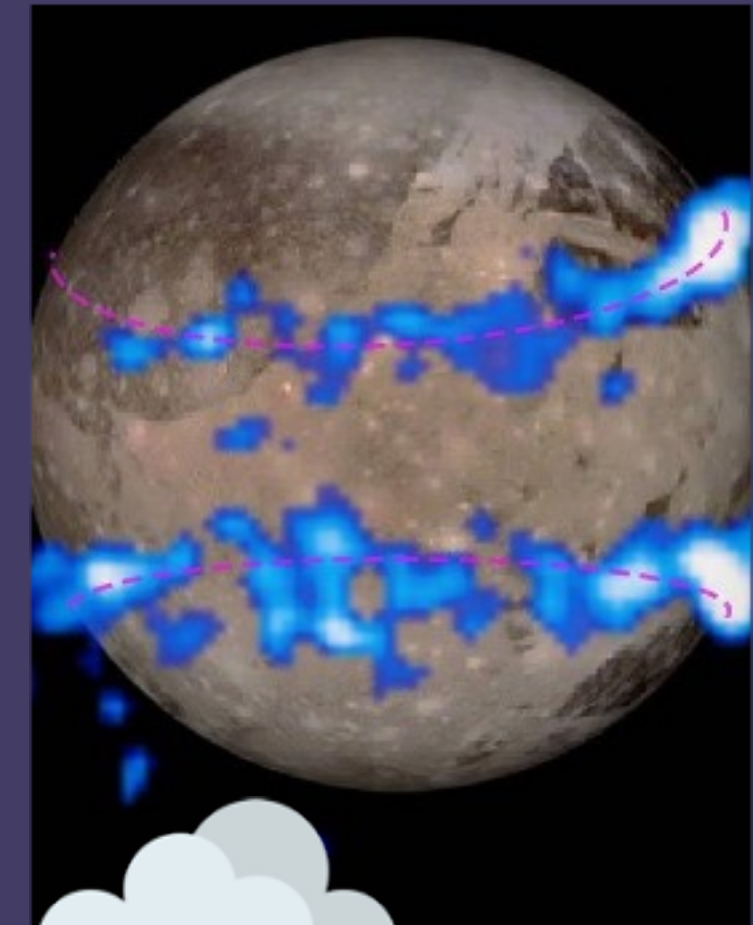
1

Understand magnetism and the magnetic field of Ganymede



2

Understand how craters can be used to date surfaces of planets and moons



3

Understand the formation of aurorae