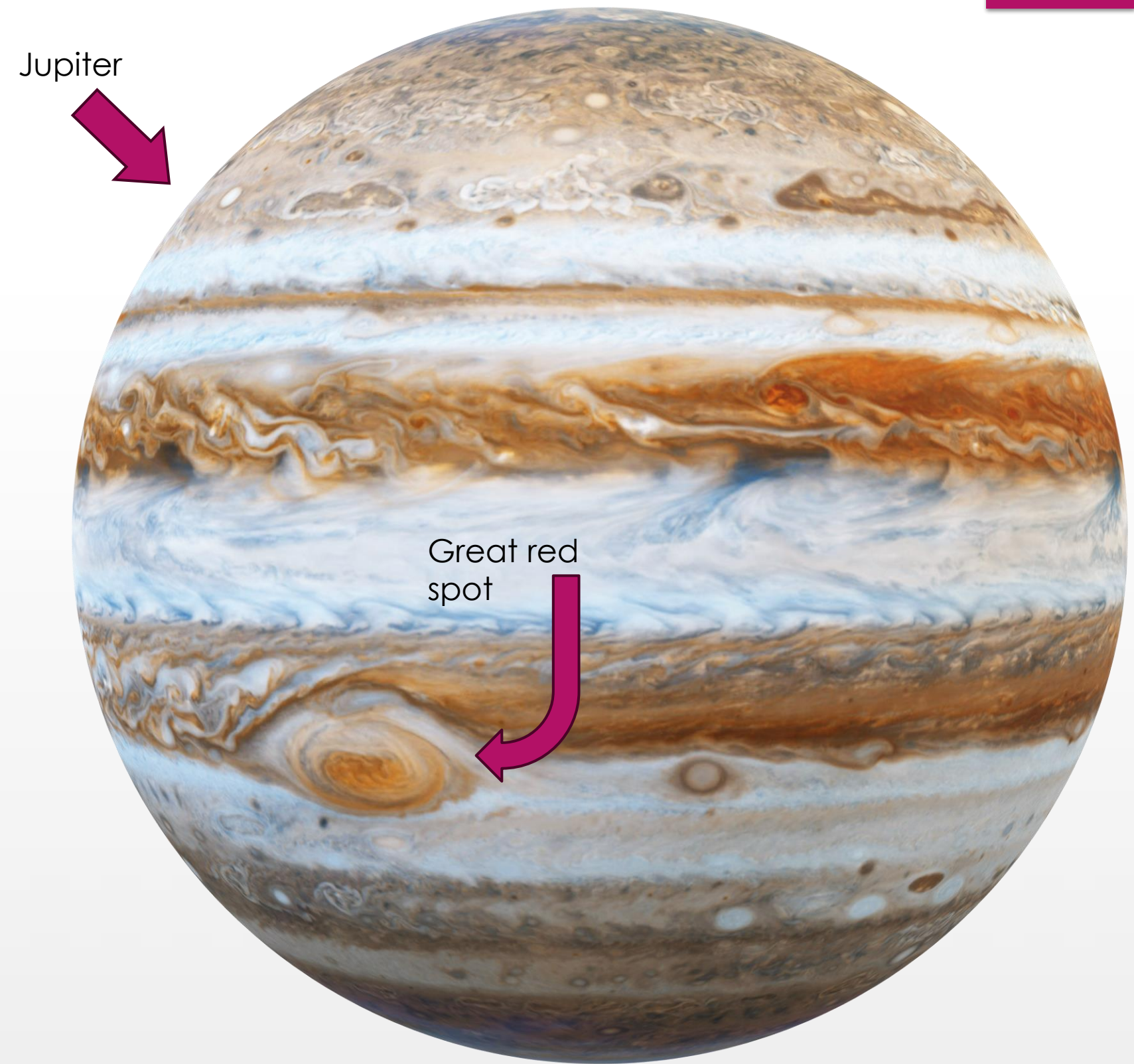


# Galileo's mission

How Galileo studied Jupiter





## How Galileo got to Jupiter

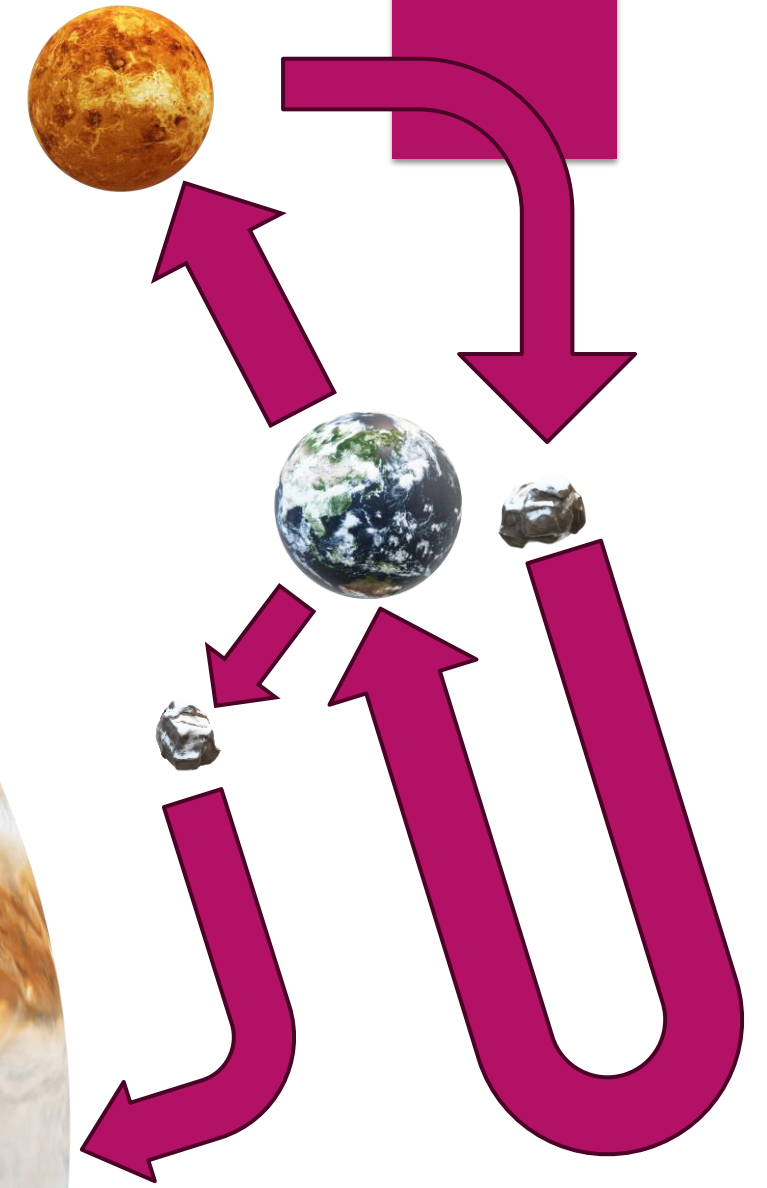
1: **launch:** Galileo was launched on October 18, 1989, aboard the space shuttle Atlantis.

2: **Venus flyby:** it first flew by Venus in 1990, using the planet's gravity to gain speed.

3: **earth flybys:** Galileo then performed two flybys of earth, one in December 1990 and another in December 1992, to further increase its velocity.

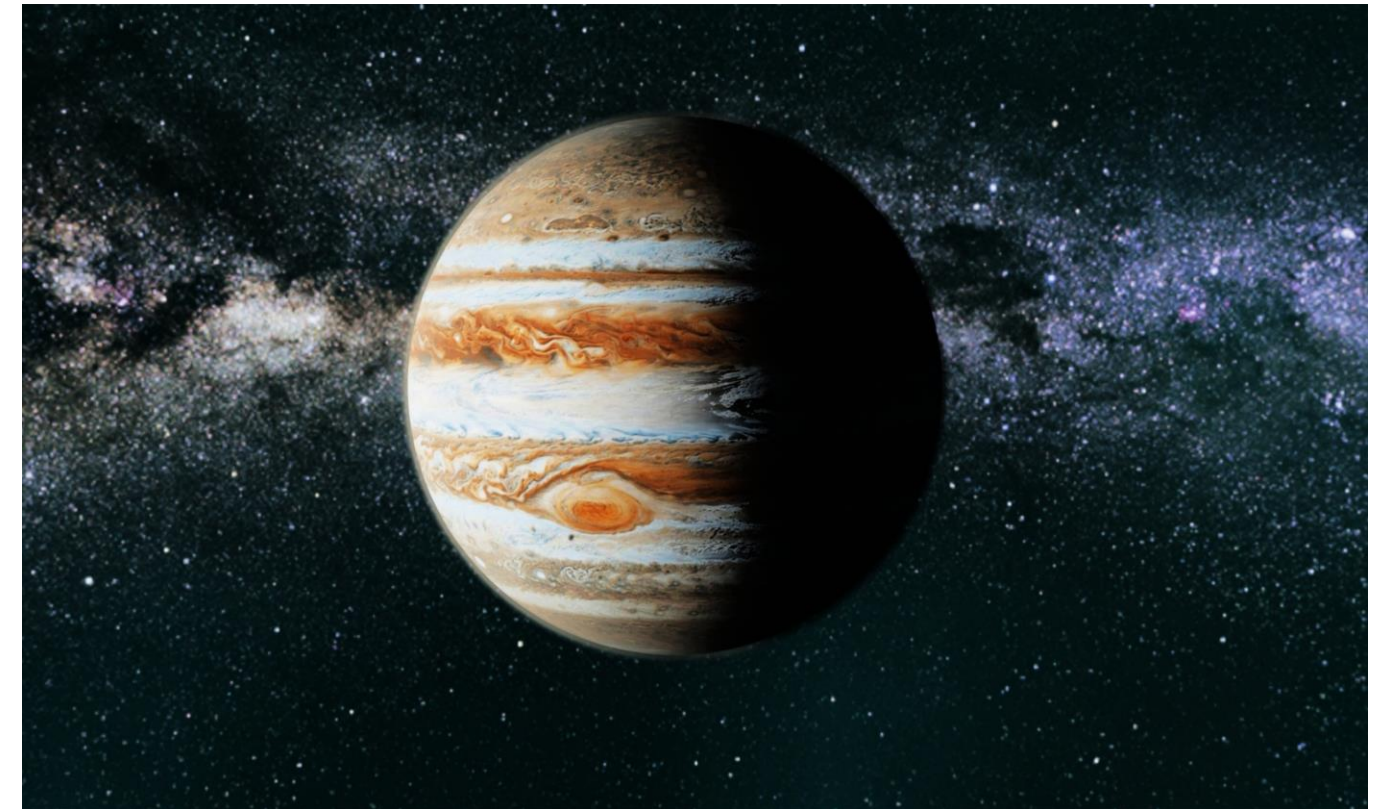
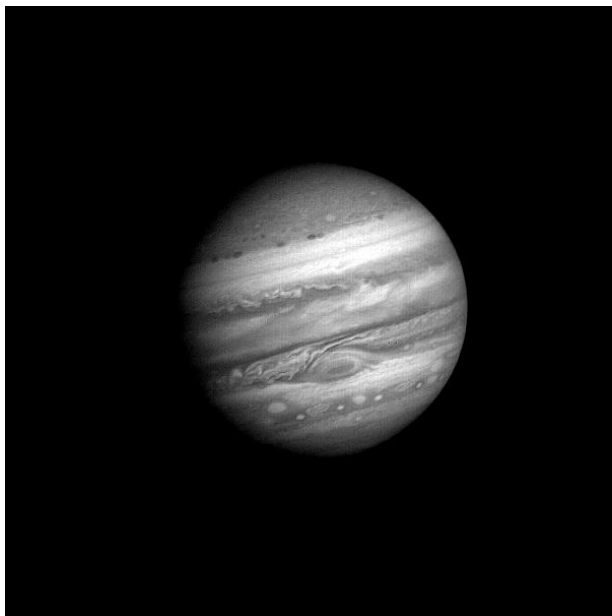
4: **asteroid encounters:** On its way to Jupiter, Galileo also encountered two asteroids, Gaspra in 1991 and Ida in 1993, providing valuable data on these bodies.

5: **arrival at Jupiter:** finally, after a six-year journey, Galileo arrived at Jupiter on December 7, 1995.





# pictures of Jupiter



# Jupiter's moons



## Europa

Looks blue sometimes.



## io

is the biggest Jupiter moon and is REALLEY volcanic.



## Ganymede

Looks like mercury.

# Other spaceships that studied Jupiter

## spaceships

- ▶ pioneer 10 & 11
- ▶ Voyager 1 & 2
- ▶ Juno
- ▶ JUICE
- ▶ Europa clipper
- ▶ Tiwain-4

## Ones on its way to other planets

- ▶ Cassini
- ▶ New horizons





The end