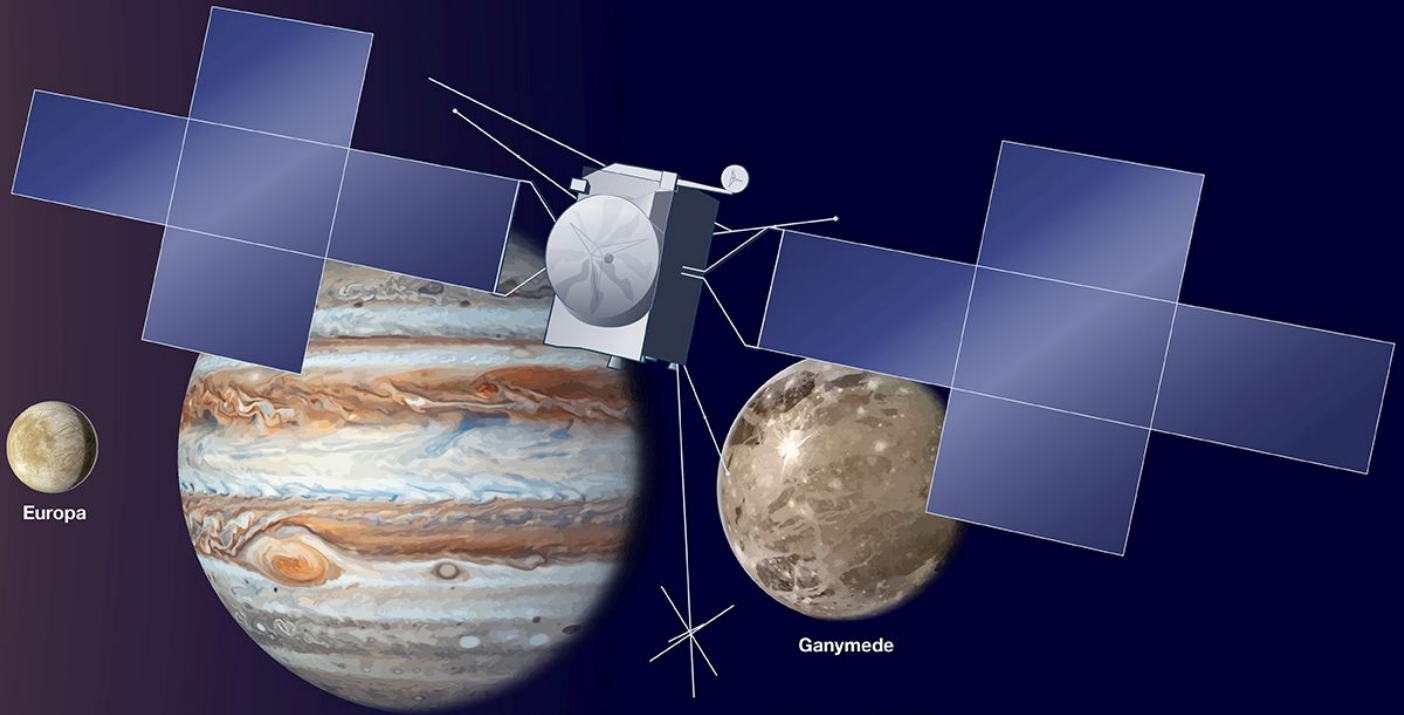


JU piter IC y moons Explorer (JUICE) – investigating the Jovian system

1st large mission in the European Space Agency's Cosmic Vision programme

1st European mission to Jupiter focusing on its icy moons and evaluating the emergence of potentially habitable worlds



Launch in **2022**



Callisto



Europa



7.5 year journey over **6 billion** km:
5 gravity assists to reach cruise velocity



3.5 years touring the Jovian system, incl.
9 months around Ganymede



5.2 tonne launch mass



10 instruments covering a wide range of measurement techniques



85 m² solar array – the largest ever built for an interplanetary mission



1 Tb mass memory for new science data

AIRBUS