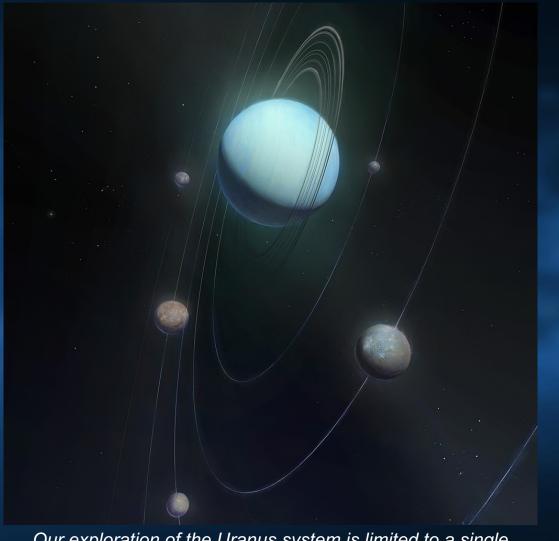


## The Case for a Mid-scale Mission to Orbit Uranus



Our exploration of the Uranus system is limited to a single flyby by Voyager 2 in 1986.

Uranus is a compelling system with characteristics unlike any other planet in our solar system with fascinating potential for study of its atmosphere, satellites, interior, rings, and magnetosphere.

- There's urgency to get back to Uranus before equinox (2049) to investigate unseen portions of its moons and magnetospheric configurations
- A mid-scale (e.g., New Frontiers–class) orbiter mission could achieve significant and high-impact cross-disciplinary science observations using current technology
- Exploration of Uranus will not only enhance our understanding of the ice giant planets themselves but also extend to planetary dynamics throughout our solar system and beyond.

Article Citation: Cohen, I.J. et al, 2022, *PSJ*, doi:10.3847/PSJ/ac5113