The Case for a Mid-scale Mission to Orbit Uranus

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.

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

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