
EAPS Planetary Lunch Colloquium Series (PICS)

Rick Binzel & Ben Weiss

Professors of Planetary Science

Massachusetts Institute of Technology

Tuesday, February 21st

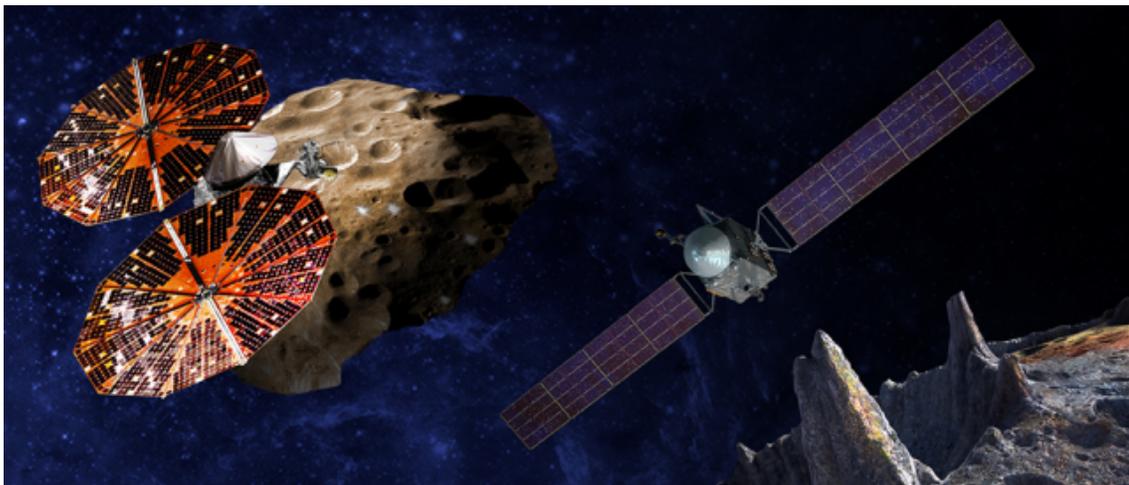
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Next Steps in Planetary Exploration: Lucy and Psyche

In January 2017, *Lucy* and *Psyche* were selected as NASA's next Discovery class missions. The *Lucy* spacecraft will perform the first reconnaissance of the Jupiter Trojan asteroids, performing flybys of multiple Trojans in both the L_4 and L_5 swarms. *Psyche* will investigate the metallic asteroid 16 Psyche, believed to be the exposed nickel-iron core of a protoplanet—the result of a hit-and-run collision with another body in the early Solar System.

Professors Binzel and Weiss are both on the *Psyche* mission team, while Prof. Binzel is also a member of the *Lucy* mission. They will discuss the design of these missions, their exciting science objectives, and the Discovery mission selection process.



For more information, contact John Biersteker (jo22395@mit.edu)