

PHYSICS & ASTRONOMY

THE UNIVERSITY OF TEXAS AT SAN ANTONIO

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Jupiter!

Abstract: Jupiter is the most massive planet in our solar system and dictated much of the architecture and properties of our system- it may even have been responsible for the delivery of water to Earth. It likely formed first among the planets. The Juno mission, currently in orbit about Jupiter, is expected to answer fundamental questions about this formation, including whether Jupiter has a core (a central concentration of heavy elements) and how much water it contains in its outer regions. I will discuss how Juno will go about answering these questions and how we go about understanding Jupiter's formation.

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