

THURSDAY, APRIL 24, 2025

7:00–9:00pm

SAN FRANCISCO STATE

THORNTON HALL

FOURTH FLOOR

OPEN TO ALL

Science Talks

Planetarium Shows

Rooftop Observing
with Telescopes



Speaker: **Arcelia Hermosillo Ruiz**
PhD student in Astrophysics at UC Santa Cruz

The Formation and Evolution of Planetary Systems

After planets form, disks of dust and asteroids can also remain. In the Solar System, two of our “debris disks” are the asteroid belt between Mars and Jupiter and the Kuiper belt beyond Neptune. The diverse shapes of debris disks provide clues into how the planets’ orbits have changed over time. For example, some features hint at planets’ orbits slowly moving farther from the star, whereas other features hint at planets scattering each other. Maybe a planet was ejected out of our Solar System! I will present the steps for how you build a planetary system. Then, I will discuss how I use computer models and observations from telescopes to study how our Solar System has evolved over billions of years.

All events in Spanish and English



FREE