

THURSDAY, SEPTEMBER 25, 2025

7:00–9:00pm

SAN FRANCISCO STATE

THORNTON HALL

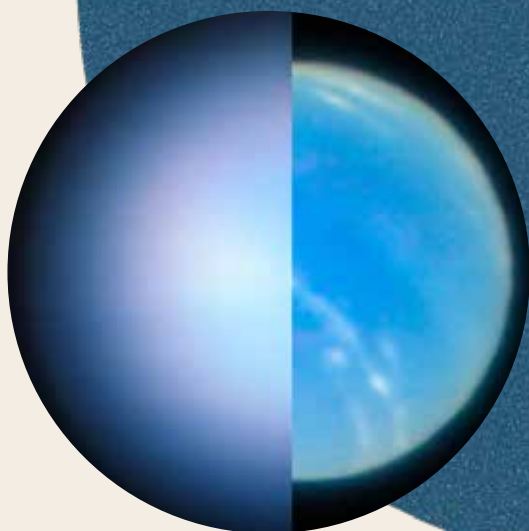
FOURTH FLOOR

OPEN TO ALL

Science Talks

Planetarium Shows

Rooftop Observing
with Telescopes



Speaker: **Cesar Laguna**

Staff Scientist, Lawrence Livermore National Laboratory

FREE

And Just Like That, It Was Gone

If you look up at the night sky and spot a star, chances are you'll see it twinkle. However, if you were an astronaut on the International Space Station (ISS) and looked at the same star there is no twinkle. This twinkle is a byproduct of atmospheric turbulence which is one of the biggest challenges for ground-based telescopes. For ground-based telescopes to obtain good and precise images they need to see through that atmospheric turbulence, they need to remove that twinkle. In this talk I will explain what atmospheric turbulence is and how we compensate for it using Adaptive Optics technologies.

All events in Spanish and English