

Meeting Minutes 3/15/19

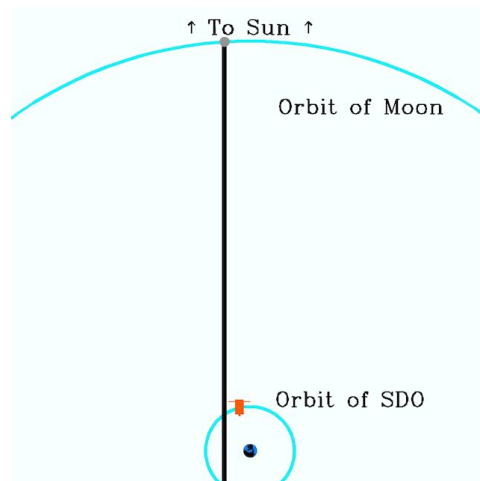
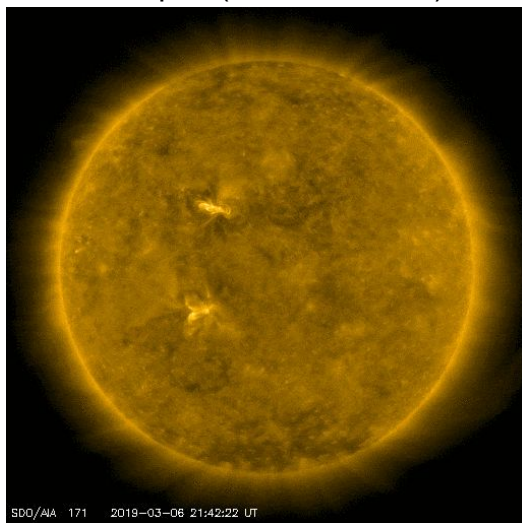
- **ATOMM:** In Parker Library (across from N305) from 2-4pm. Go there to get your study on!
- **TIMESTEP:** The next meeting will be on March 27th in PAS 218 at 5pm. The topic discussed will be Planning a Gap Year! With guest visitor Nicole Zawadzki (Class of '18, now working at Adler Planetarium). Come learn about masters programs, Bridge Programs and internships to help you plan your time after graduation and before your next step (be it graduate school or another exciting career path).

- **Don's Question of the Week:**

- APOD: from March 4th, 2019

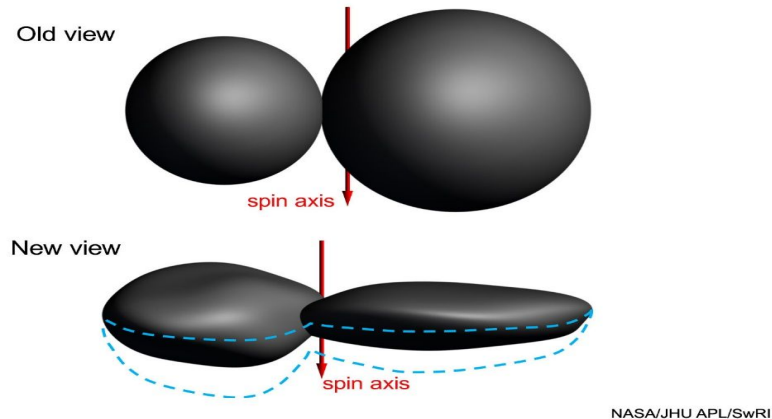


- Why the colors? What's the object closest to the water? It's the Moon! The next object up from the Moon? It's Venus! The one up from that? Jupiter! And following the curve up, the next object is Antares!
- A Real Eclipse (March 6, 2019) How can the Moon reverse directions?



- The black disk of the New Moon passed in front of the sun, reversed course, and did it again

- Spaceweather.com (March 7, 2019) – 4 hour length on March 6, 2019
- The strange "double-dip" motion of the Moon across the sun is a result of orbital mechanics. Both SDO and the Moon are orbiting Earth, but at different speeds. SDO's velocity of ~3 km/s is faster than the Moon's velocity of 1 km/s. SDO thus overtakes the Moon first in one direction, then the other, during the long eclipse.
- In the News: the shape of Ultima-Thule



- “Obliquity tides” and exoplanets
 - http://www.spacedaily.com/m/reports/The_case_of_the_over_tilting_exoplanets_999.html
- **Astronomy News of the Week:** Presented by Ruby Fulford! Here’s the link: <https://www.ls...n-voyage-m1m3> LSST’s biggest mirror, the 8.4 meter mirror made in UA’s mirror lab, is being transported to Chile!
- Don’t forget to sign up for Astro News of the week this semester!
- **Active Galactic Videos:** New video in the Women of Discovery series! Dr. Ingrid Daubar - JPL Planetary Geoscientist! Go check it out!
- **Star Parties:** We have one on:
 - April 25th at Donaldson Elementary
 - Need 4-5 more people
- **Sportsball:** Y’all need to get your Vitamin D. This will be next week (3/22) after the meeting on the mall. We will have some options (frisbee and soccer), then we’ll get food afterwards.
- **T-Shirt Update:** We should be getting them by March 25th (most recent update). You will be able to pick up the shirts after the next meeting, or before the club trip if you are attending.

- **Club Picture:** We'll be doing it on April 5th after the meeting. Wear your coolest space gear (or your new astro club shirt)!
- **WIYN Tour and Star Party:** Will be on Saturday April 6th, we'll have a tour of the WIYN Telescope and then a star party at the 12m radio telescope up on Kitt Peak!
- **Astronomy Club Internal Symposium:** Will be on April 19th after the club meeting in room N210. Open to anyone in astronomy club to present any kind of research! People will be giving 5-10 minute talks, and there will probably be pizza
- **Astronomers:** We protect, we attack, but most importantly, we snack. The Astro Club snack store is restocked every week. And it's open to everyone, including faculty. Honor system payment.
- **Astronomy Majors Lounge:** If you're an astronomy major, you can use this lounge for all your lounging and snack needs!
- **Pay your dues!** \$10 each semester, funds for trips, snacks, cool activities, shirts, etc. Due it.

