

## Meeting Minutes 10/15/2021

- General Club Announcements
  - Welcome!
  - Become an Active Member, fill out the form/dues during the meeting!
    - Must pay dues: \$10 for the semester
  - ATOMM
    - 3:30-5 pm M/W in Steward 208 (Yujin Qin)
    - 5-6 pm Th in 208 (Gabriele Bozzola)
    - 3:30-5 T over zoom
- Physics club!
  - Mondays at 5 in PAS 220
  - Game night next Monday!
- A discussion on microaggressions
  - We want everyone to feel welcome at astronomy club
  - There have been offenses both within the club and within the major
  - Bias Education and Support Team (BEST)
    - Can submit reports either anonymously or with your name for them to reach out and help you or work to stop these issues
- We will draft a code of conduct that all members must sign up to follow
- Ostem!
  - LGBTQ center on 4th floor of student union
  - Tuesdays at 6:30
- Star Parties on Campus
  - Every Thursday starting at 5:30pm
  - Text @astrobs2 to 81010 for updates
- Sports night!
  - Today!
- Space education and strategic applications conference
  - Free virtual event September 23 and 24
  - Look up the title for the link
- Job opportunity at Mt. Lemmon Skycenter
  - Need your own transportation
  - Need knowledge of amateur astronomy and being comfortable with public speaking
  - Come talk to David for a special application link
- Outreach opportunities at south tucson schools
  - Fridays at 1pm
  - Talk to David to then have your information sent over
- Astronomers is back!
  - Snacks next to parker library on third floor of steward
  - Honor system, prices listed on box
- Astro Question of the week with Don!
  - “The moon is the only nightly object known to everyone”

- True or false?
  - How many moons are needed to stack from horizon to zenith
    - Moon is half a degree and need to go 90 degrees
  - How much larger is the earth than the moon?
  - How much dimmer is the moon than the earth?
  - How much more reflective is the moon?
    - 10% compared to 33% of Earth
- Astro News of the Week with Katie
  - Planet found that survived its star's death
    - Jupiter-sized planet orbiting a white dwarf.
    - Very likely same fate as the Solar System
- Sign up for astro news of the week!
  - Check weekly email from Mika!
- Astronomical linguistics with Binh!
  - O'odham and the Milky Way
  - We are on the Tohono O'odham land here in Arizona
  - In folklore, a grandson leaped into the sky to avoid his grandfather
    - The grandson gave white beans but stayed in the sky, these white beans became the milky way
    - Both words for white bean and milky way seem to have the same root but due to Europeans, much of the history of the language has been lost to confirm this
- Telescopes and Indigenous land with Mika!
  - Kitt Peak national observatory
    - On Tohono O'odham native land, specifically in the garden of I'itoi
    - Built in 1958
    - 2005 Lawsuit due to attempting to build VERITAS telescope without getting approval from the Tohono O'odham nation
  - LBT on Mt. Graham
    - Originally considered to be on San Carlos Apache Nation land, became public land, but is still considered to be on the native land
- Eye in the Sky with Aidan
  - Moon and Jupiter meet tonight
  - Venus and Antares meet in the night sky
  - Orionids meteor shower starts the 21
    - Meteors come from Haley's comet
    - 10-20 meteors per hour
  - Mercury will reach eastern elongation on the 25
    - Best time to view around 7am