

## Meeting Minutes 10/8/2021

- 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!
- 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
- Club Photo!
  - Today!
- Sports night!
  - October 15th
- Space education and strategic applications conference
  - Free virtual event September 23 and 24
  - Look up the title for the link
- Sabino Canyon star party
  - Free star party and JWST pre-launch event
  - October 9
  - We've got many volunteers already
    - 500 people at Mt. Lemmon Skycenter
  - Sign up through Mika's email
- 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 David!
  - What color is snow that is in shadow?
    - Slightly blue due to rayleigh scattering
- Radio Astronomy with Yancy!
  - Astro club radio project
    - We're getting observing time with the 12m telescope

- Looking at Aquilla rift where sunlike stars are being formed
        - Will look at dense parts to see differences in age
- Astro News of the Week with Hina
  - Alma discovers the oldest spiral galaxy to date (12.4 billion years old)
    - Bri 1335-0417
  - Done at the national astronomy observatory of Japan
- Sign up for astro news of the week!
  - Check weekly email from Mika!
- Astronomical linguistics with Binh!
  - Jupiter is the Roman god of the sky
  - Expanding that word is djous pater - “day, father”
    - Can be Zeus pater aka Zeus the father
    - In Rigveda (hindu texts), their god of the sky is also the sky father
  - All these come from the Proto-Indo-European language
    - Central god would be Dyeus-phter “sky father”
- Star lore with Zach!
  - Draco
    - One of the oldest constellations
    - Largest constellation in the sky
    - Could be Ladon from Greek mythology that Hercules killed
    - Known as mother camels in Arabic mythology
    - Many other stories from every culture
    - Thuban is in Draco’s tail and used to be the north star
    - Eltanin was used to measure the aberration of light