

Meeting Minutes 10/1/2021

- 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
- 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!
 - Next meeting (October 8)
 - Wear your club shirt
- 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
 - Contact Justin Hyatt @ justinh@arizona.edu
- 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!
 - Where Earth is headed within our galaxy
 - Toward Vega
 - Currently toward Leo in terms of the universe
 - How far from earth would an object need to be to fall to the moon instead?

- Earth is 100 times more massive so distance need to be 90% of the distance
 - Need gravity of earth to be less than gravity of the moon
- Astro News of the Week with Ruby
 - Comet 29P
 - Has been getting brighter since September 25
 - Easily visible with 8-inch telescopes
- Sign up for astro news of the week!
 - Check weekly email from Mika!
- Astronomical math with Binh!
 - How we got sine and cosine
 - Arabic script is mostly monophthongs (single vowel)
 - Trig started in India
 - Sine was jya
 - Islamic word was similar - Jiba
 - Richard of Chester knew Arabic, so knew J,B, but did not know vowel since it was borrowed from sanskrit