

Meeting Minutes 2/12/2021

- General Club Announcements
 - Welcome!
 - Become an Active Member, fill out the form during the meeting!
 - Game night March 5 on discord
 - ATOMM
 - 3:30-5 pm T/Th (Raphael Hviding)
 - Or by appointment
- TIMESTEP
 - Next Meeting: Wednesday, February 24th at 5 pm over Zoom
 - Topic: Internship and career in industry
 - Led by Dr. Ewan Douglas
 - Register at <https://lavinia.as.arizona.edu/~timestep/> for Zoom link
- Physics Club!
 - Wednesdays at 6:30 P.M
- Outreach Opportunity
 - Splendido research presentation
 - March 12 at 10 A.M
 - 20 minute presentation of your research
 - Reach out to kayli for more information
- Tucson Amateur Astronomy Association
 - Hosts weekly virtual star parties
 - Check their Facebook for a livestream of the viewing
- Mysteries of the Universe Symposium
 - Free for Undergrads!
 - February 15-17 over Zoom
- Club T-Shirts!
 - Looking to make a T-shirt
 - Send in any design you have to us!
- JPL exoplanet research opportunity
 - Presenting at our meeting February 27
- Astro question of the week with Don!
 - Video of a volcanic eruption in New Zealand
 - Real or fake?
 - Somehow the camera survived with no dust (hint hint)
 - How far could a spaceship go if it never ran out of thrust?
 - Consider accelerating at 1 g for an indefinite amount of time
 - How long to reach: Inner Oort cloud, Proxima Centauri, Sirius
 - MMT all-sky camera
 - Photo was taken on February 9, 2021
 - Can see the Milky Way, Orion, Pleiades, Algol (in eclipse tonight)
- Astro News of the Week with Binh!
 - Lunar New Year!

- 2nd new moon after the winter solstice
 - Traditional East Asian calendar is “lunisolar”
 - Year separated into 12 months based on 12 lunar cycles.
 - Zu Chongzhi
 - Calculated the solar year very close to what we now use
 - His book of mathematics was so advanced that many didn’t use it
 - The math of this came from China, but the lunar calendar and traditions expanded locally
- Telescope time with Harrison!
 - McMath-Pierce solar telescope
 - Right at Kitt Peak!
 - Dedicated 1962
 - Largest solar telescope/unobstructed aperture
 - Along with the sun, it’s used to observe bright objects (moon, planets)
 - Helped with locating a landing spot for the Apollo mission
 - Decommissioned in 2016, becoming a museum.
- AstroKahoot