

Meeting Minutes 1/29/2021

- General Club Announcements
 - Welcome!
 - Become an Active Member, fill out the form during the meeting!
 - Game night next Friday
 - ATOMM
 - 3:30-5 pm T/Th (Raphael Hviding)
 - Or by appointment
- TIMESTEP
 - Next Meeting: Wednesday, February 10th at 5 pm over Zoom
 - Topic: Gap Year Planning
 - Led by Dr. Eduardo Rozo
 - Register at <https://lavinia.as.arizona.edu/~timestep/> for Zoom link
- Physics Club!
 - Wednesdays at 6:30 P.M
- PTYS 297A
 - Teaching teams program
 - Contact Kayli for more! kayliglidic@email.Arizona.edu
- Outreach Opportunity!
 - 2 morning of 45-minute talks
 - Split amongst 4 students
 - Contact Kayli if interested kayliglidic@email.Arizona.edu
- Astro Question of the week with Don!
 - Picture of the moon shared by Kayli
 - Ghost images created
 - 22-degree halo
 - More ghost images and halos taken 30 minutes later
 - Video of Venus, Earth, Mars, and Uranus
 - See the star background move as the planets are relatively still
 - Where was the photo taken?
 - Use the brightness and location in the image
 - Taken by the ESA's solar orbiter
 - Photo taken by the Parker Solar Probe
 - Where was the probe based on the diagram?
 - Photo taken from the STEREO spacecraft of the planets
 - Where was the photo taken given the date?
 - Astro News of the Week with Zach!
 - Bioverse
 - Simulation survey done by Steward researchers!
 - Meant to simulate large scale trends in exoplanet atmospheres
 - Telescopes in Memorium (TiM) with Harrison!
 - Celebrate the life of the Arecibo radio telescope
 - Built in 1963

- Largest single-aperture telescope until FAST
- One of the earlier radar mapping telescopes
- Made some amazing discoveries
 - A more precise measurement of Mercury's rotation (~59 days)
 - Proved neutron stars exist
 - First binary pulsar found (won Nobel prize)
- RIP Arecibo (1963-2020)