

## Meeting Minutes 3/5/2021

- General Club Announcements
  - Welcome!
  - Become an Active Member, fill out the form during the meeting!
  - Game night March 12
  - ATOMM
    - 3:30-5 pm T/Th (Raphael Hviding)
    - Or by appointment
- TIMESTEP
  - Next Meeting: Wednesday, March 10th at 5 pm over Zoom
  - Topic: Entrepreneurship with Pedro Medrano and UA alum Shaker Albrahim
  - Register at <https://lavinia.as.arizona.edu/~timestep/> for Zoom link
  - Summer tech internship!
    - Remote part-time internship geared towards Juniors and Seniors
    - Companies you could work with are on the Timestep website
    - The deadline is March 31
- CoS Health ambassadors
  - Trained communicators for students. Please reach out with any questions <https://science.arizona.edu/cos-student-health-ambassadors>
- Physics Club!
  - Wednesdays at 6:30 P.M
- Virtual Star Party!
  - 7 P.M tonight!
- Astro Question of the week with Don!
  - Mirror Casting for the Giant Magellan telescope right here at the mirror lab
  - The Milky Way: what can you find?
    - SMC/LMC, Orion nebula, summer triangle
    - Gas blocking the actual galactic center
  - Video of stars from the Sun's perspective
    - See stars traveling, closer stars move faster than others
  - Acceleration with respect to 1.6 million quasars
    - Now appear to have motion toward the center of our galaxy
  - GAIA video of travelling binaries
    - average distance is 40AU apart
    - Can see almost identical stars for the binaries
- Astro News of the Week with Savannah
  - Space hurricane
    - Plasma from the sun has created a hurricane-like shape that rains down electrons
- Arrays with Harrison!
  - Very Long Baseline Array
    - 10 identical 25m radio telescopes.

- Can also combine with VLA and other radio telescopes/arrays to form a high-sensitivity array
  - Commonly used for water maser observation, black hole observation,
- Want to join in outreach?
  - Kayli will discuss ways to make a collaborative outreach group through astro club next week!