

Meeting Minutes 2/24/2020

- Club Announcements
 - May 1st - last official meeting
 - Club symposium
 - May 8th - no meeting
 - May 15th - start of unofficial summer meetings
 - Senior night
 - Club slideshow
 - Club Symposium
 - Next Friday, May 1st
 - Chance for everyone to share their research
 - Not limited to astronomy/physics
 - Sign-up sheet sent out after meeting - fill out by Tuesday!
 - ATOMM still has the same schedule
 - Link: <https://arizona.zoom.us/j/970397060>
- What's Up Astro Club with Yancy!
 - Venus is still up! So is a really nice crescent moon.
 - 30th anniversary of the Hubble Telescope!
 - The comet ATLAS has broken up into several chunks. 9.5th magnitude.
 - Near Earth Asteroid 1998
 - small telescope object.
 - Will peak at 10.8 mag.
 - Arecibo radar image made
 - Moving pretty quickly, through Sextans into Hydra
 - You should be able to see it moving in real-time
- Astronomy Question of the Week with Don!
 - You weigh more proportionally at the Equator versus the Pole on Saturn than on any other planet.
 - Sirius twinkling - tracing of colors from the star coming through the atmosphere
 - Venus will be at its brightest on April 28th, might even cast a shadow in a place with dark skies.
 - Asteroid 1988
 - A couple of kilometers across
 - About 3 milliarcseconds across
 - The diffraction limit of Arecibo at 0.1 m wavelength is 1.2 arcminutes
 - Range-Doppler radar image means that the transmitted signal will be delayed by certain structures on the surface and widened by it spinning.
 - Looking at the edge means you are looking at more length.
 - Why can you see one edge, but not the other?
 - April 26th, 1920
 - Anniversary of the Shapley-Curtis debate

- When people were discovering other galaxies and that the universe is expanding
 - Midnight earthquake in Los Angeles causes newspaper confusion.
- Astrophotography with Sai!
 - Image of a water pool and the Milky Way looks like an eye
 - Astronomy Picture of the Day - a video showcasing time-lapses of the night sky from all over the world
 - Join the astrophotography slack channel if you are interested
- Meet the Messiers with Sean!
 - Messier #8 - The Lagoon Nebula
 - Apparent magnitude of 6
 - 4, 077 light-years from Earth
 - Giovanni Battista Hodierna sought to make a catalog to keep people from mistaking objects for comets
 - Located in Sagittarius
- Astro News of the Week with Cyrus!
 - <https://phys.org/news/2020-04-ligo-virgo-detectors-gravitational-binary.html>
 - First time LIGO and Virgo detected two blackholes with unequal masses merging!
 - The first detected, but probably not the rarest event
- Game Night!

