

## 4/17/2020 Meeting Minutes

- Club Announcements
  - Weekly Recap
    - Thanks for coming to last week's meeting!
    - We had a great science talk about JPL
    - We hope to have more science talks in the future
  - Only three more meetings left before the End of Semester
  - Timeline
    - April 17th - Regular Meeting (with AstroKahoot)
    - April 24th - Regular Meeting
    - Optional, Virtual Game Night Following the Meeting
    - May 1st - Last Official Meeting
    - Club Slideshow
    - Internal Club Symposium?
    - Advice from Seniors?
  - Game Night!
    - After our next meeting (April 24th)
    - Playing Jackbox games and Minecraft!
    - We will be using our Astro Majors Discord
    - Video sharing for Jackbox games
    - Voice channels for Minecraft
    - Join Discord within the next week if you'd like to participate!
- ATOMM
  - Tuesday: 2 - 4pm
  - Wednesday: 3 - 5pm
  - Thursday: 1:30 - 3:30pm
- What's Up Astro Club with Yancy!
  - Venus is still up! Check it out.
  - Comet ATLAS has broken up into pieces, still visible for those of you with binoculars
  - Another Comet! The Comet SWAN is currently 8th mag, but might brighten to 4th (visible to naked eye)
    - Currently visible to Southern Hemisphere observers
    - May should be the best time to see it
  - A third comet!
    - Another PANSTARRS comet
    - PanSTARRS 2017 T2
    - Visible with binoculars
    - In Camelopardalis too, moving to big dipper
  - FOURTH comet!
    - ATLAS 2019 Y1
    - Passing near the North Celestial pole

- Astronomy Question of the Week with Don!
  - Could sound waves travel through space?
  - Possible to see the Moon, Venus, and Pleiades all in a triangle in the sky? It's possible! Happened March 28th in Canada
  - Binh - What stars, or stars?
    - Opening lines of song "Yellow" by Coldplay
    - What stars could be yellow?
    - Seeing stars near the horizon? Polluted skies making everything yellow?
  - Victoria - What did Hubble see on your birthday?
    - You can find what Hubble was looking at on the exact day of your birth (if it was within the last 30 years)
  - Aidan - Nice video of the moon with his Google pixel 3 cellphone at sunrise
    - Pictures of the sky with the phone's astrophotography mode
    - Picture that looks almost like it is in daytime with the stars in the sky - the moon was very bright!
  - BepiColumbo is departing away from the Earth
- Astrophotography with Sai!
  - There is now a slack channel for astrophotography, check your emails
- Meet the Messiers with Sean!
  - Messier #37, NGC 2099
  - Visible with binocular with an apparent magnitude of 6.2
  - Discovered by Giovanni Battista, rediscovered by Charles Messier
  - Classified as a Trumpler Type 1, detached cluster with a strong central concentration
  - Contains over 500 identified stars
  - Right next to M36 and M38
- Astro News of the Week with Bennet!
  - <https://www.sciencemag.org/news/2020/04/star-s-strange-path-around-black-hole-proves-einstein-right-again>
  - Star's strange path around black hole proves Einstein right—again
  - Star S2 is close enough to Sgr A\* to be observed with precession, proving Einstein right once again
- AstroKahoot

