

Meeting Minutes 6/26/2020

- Club Announcements
 - Join us next week for Game Night!
- What's Up Astro Club with Yancy
 - Helsinki in Finland is on the south end in the coast of Finland
 - 1:30 am at night and not dark, why?
 - Helsinki is far enough North that you only get twilight instead of night around the summer solstice
 - What star is visible in the sky south-southeast from Helsinki at this time? Not a star, it is Jupiter!
 - Sagittarius never makes it completely over the horizon from the point of view of Helsinki
 - Jupiter is great for observing currently, along with the Galilean moons
 - Io and Europa are in Jupiter's radiation belt, so we shouldn't send astronauts there. Callisto might be far enough out to stay for long periods of time.
 - Tromso is a very Northern city that is popular in winter as it is an excellent place to see the Northern Lights
 - Check out webcams for Northern cities to see the midnight sun
 - Venus is up early in the morning!
- Astronomy Question of the Week with Don
 - Welcome to the freshmen who will be with us this Fall!
 - Venus Occultation June 19th
 - Solar Eclipse: An Alien View of Earth. How large is the Moon's shadow on Earth?
 - Airplane Contrails parallel to each other seem to converge at the horizon
 - Spokane to Denver Flight - shadow on the clouds below from the contrail and a "Glory" around the shadow of the plane
 - You can only see a Glory when looking at the exact opposite direction of the Sun.
 - Mie Scattering
- Meet the Messiers with Sean
 - Messier # 13 - The Hercules Globular Cluster
 - Apparent Magnitude 5.8 - can see with naked eye!
 - 22,000 light years from Earth
 - Discovered by Edmon Halley in 1714, catalogued by Charles Messier on June 1, 1764
 - The stars are so densely packed together, the individual ones were not resolved until 1779
- Star Wars vs. Star Trek AstroKahoot