

## Meeting Minutes 8/7/2020

- Last meeting of the summer!!
- Club Announcements
  - Game Nights! Next one on Friday, August 14th at 4pm.
  - Meetings from now until September will be Game Nights.
  - This is the last summer meeting.
    - September 4th is the tentative date for meetings to start again.
    - We will keep you updated, but we can say for sure that there will be an online component to our meetings.
- What's Up Astro Club with Yancy
  - Tau Lodge Webcam
  - Can you identify any constellations?
  - In the Southern Hemisphere, constellations are upside down relative to how we see them in the Northern Hemisphere.
  - Orion rose in the Northeast direction.
  - Try to see Mars during the day with the moon Sunday morning
  - Perseid Meteor Shower happening Aug 11/12th Wednesday, Early Morning
    - From comet Swift-Tuttle, last pass 1992
- Astronomy Question of the Week with Don
  - Jupiter's huge moon Ganymede may have the largest impact scar in the solar system
    - Ganymede is larger than Mercury
    - Asteroid 150km hit the moon
  - Streak of light in the sky
    - Reflection of light off the river onto the clouds
    - Rhine river
    - A rare event!
    - Bright sunshine on the river, but a thick cloud away from the sun to show the reflection
    - A low sun, glass-like water reflects best when light glances off at a low angle.
    - Mirror smooth river. No wind, ducks, swans, or boat wakes.
  - Planets' atmospheres can warp their shadows.
  - Perseid Meteor Shower
    - Many hours of exposure and editing time show that the place where they emanate moves from year to year
    - Has the most fireballs out of all meteor showers
    - 8pm might be a cool time to observe meteors, because 'Earthgrazers' will be easier to see
    - Live meteor shower live stream
    - "Troop Zero" nice images of meteors hitting Earth's atmosphere
- APOD

- Binh has some really nice pictures to take a look at.
- Color Models - how to assign numbers to colors
- Gamut - specific mapping function that takes your color model and maps it to your color space of choice
- CIE - International Commission on Illumination
- Chromaticity diagram
- Check out the history of color spaces!