

Meeting Minutes 11/30/18

- **ATOMM:** It's still a thing. Parker Library (across from N305) from 2-4pm. The semester is almost over (heelp) so now is a good time to start using this great resource!
- **TIMESTEP:** End of semester events! Astro Club will have a joint event with Physics Club, and TIMESTEP on Dead Day afternoon! Stay tuned for more info!
- **Don's Question of the Week:**
 - True or False? Physics Today magazine (Nov. 2018) "...IR astronomy will get a huge boost when NASA's James Webb Space Telescope (JWST) is put into Earth's orbit in 2021"
 - JWST will not be out in space in 2021, it is also not going to be in Earth's orbit. It will be at L2 (a Lagrange point), where the combination of the Earth's and Sun's gravity cancel each other out
 - What do you see?

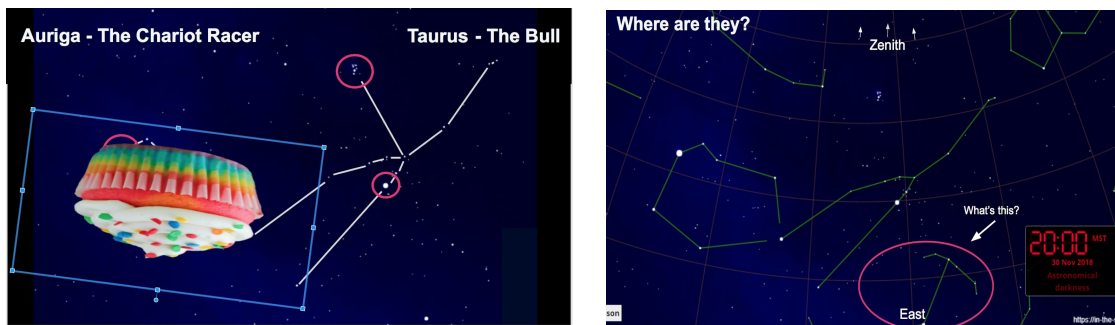


- "Sun dogs"! And the 22 degree halo around the sun caused by ice crystals in the atmosphere!



- Universe Today: new atomic clocks, what does this new precision offer?
-> Astronomers detect all the light from Universe
- **Astronomy News of the Week:** Presented by Ryan Webster and Collin Lewin. Insight landed on Mars and will be studying the inside! (quite insightful!) Here's the link:
<https://mars.nasa.gov/news/8393/insight-is-catching-rays-on-mars/?site=insight>

- **Constellations of the Week:** Presented by Sammie Mackie! This week is Auriga-The Chariot Racer and Taurus-The Bull! Here's the mythology behind them -> (Auriga)
<https://heavens-above.com/myth.aspx?lat=0&lng=0&loc=Unspecified&alt=0&tz=UCT&cul=en&con=Aur>
 (Taurus)
<https://www.heavens-above.com/myth.aspx?lat=0&lng=0&loc=Unspecified&alt=0&tz=UCT&cul=en&con=Tau>
 Check out in-the-sky.org if you want to use a planetarium on your computer!



- **Star Parties:** No more this semester, however we do have some lined up for next semester!
- **Communicating Physics Class:** Dr. Manne holds a class to teach how to effectively communicate physics in outreach settings. Sign up for PHYS 496/596 if you're interested!
- **Dead Day Breakfast:** Will be on December 6th at 10am. We'll provide bagels and coffee, but if you can bring some breakfast food to share please do! Sign up sheet is out!
- **Active Galactic Videos:** They made a new video, Secrets From the Plate Vault! Exploring the astronomical plate archive under Steward Observatory! Check it out!
- **Astronomers:** We protect, we attack, but most importantly, we snack. The Astro Club snack store is restocked every week. And it's open to everyone, including faculty. Honor system payment.

- **T-shirts!:** We will have them at the beginning of next semester!
- **Pay yo dues!** \$10 each semester, funds for trips, snacks, cool activities, shirts, etc. Due it.

