

Meeting Minutes 11/16/18

- **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:** The next meeting will be held on November 28th in Steward N305 at 5pm. It will be about presenting posters/talking at conferences! Learn more about conferences for the American Physics Society and the American Astronomical Society and how to present your research and create posters. There will be pizza!!
- **Astronomy Club Officer Elections:** All of the previous officers will be keeping their positions in true democratic fashion (we all ran unopposed so you're stuck with us again). However, since we had two candidates running for the new officer position we held an actual election and we had a victor! Congratulations to David Cantillo, the new equipment manager!
- **Don's Question of the Week:**
 - What is the fastest speed the Earth can encounter in its orbit around the Sun? If the Earth were to reach 42 km/s, it could just barely escape the solar system.
 - Comet Tempel-Tuttle is the source of the Leonid debris, aka the meteor shower that will peak Saturday morning at 3am!
 - ~20 meteors per hour
 - The Earth slams into cometary debris at 161,000 mph, meteors burn up high in the atmosphere and leave long ion trails.
 - The best time to watch the Leonids is when Leo is just rising! You can see the Earth-grazers!
- **Astronomy News of the Week:** Presented by Detective Pikachu. Here's the link: <https://www.nature.com/articles/s41586-018-0677-y> Another exoplanet has been discovered at the snow-line of Barnard's star! It is predicted to be a cold Super-Earth about 3.2 times the size of our Earth! Be sure to sign up for astro news of the week! It's super fun and we like to know space news!
- **Constellations of the Week:** Presented by Sammie Mackie! This week is Hercules, Ursa Minor, and Draco! Here's the mythology behind them ->

(Hercules)

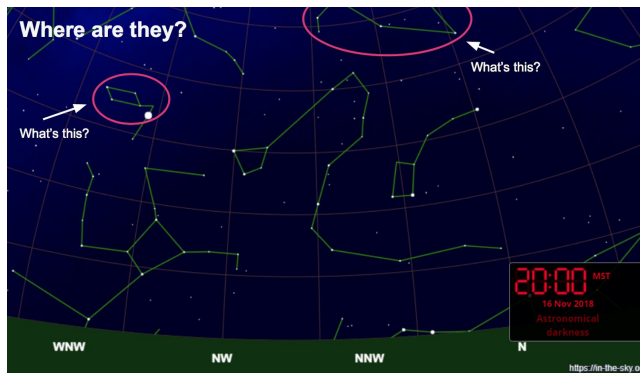
<http://www.constellation-guide.com/constellation-list/hercules-constellation/>

(Ursa Minor)

<http://www.constellation-guide.com/constellation-list/ursa-minor-constellation/>

(Draco) <http://www.constellation-guide.com/constellation-list/draco-constellation/>

Check out in-the-sky.org if you want to use a planetarium on your computer!



- **Astro Club Game Night!** That's today!
- **Star Parties:** On November 20th there will be a star party at Carrillo Elementary from 5-7pm, there will be telescopes and activities, and there will only be one shift, we'll be arriving later
- **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!
- **Physics Phun Night:** On Wednesday November 28, 2018 at 7pm. Come and see your professors and fellow students perform their favorite classroom science demonstrations for a community audience.
- **Dead Day Breakfast:** Will be on December 6th. We'll provide bagels and coffee, but if you can bring some breakfast food to share please do! Sign up sheet will be out after Thanksgiving break!
- **Active Galactic Videos:** They made a new video, VERITAS: Hunting Gamma Rays to Find the Secrets of the Universe! Check it out!

- **Astronomers:** Hey buddy,,,,,,wanna get some snacks? There's an unofficial Astro club snack store on 3rd floor outside Parker on bookshelf on the opposite side from the elevator and bathrooms. It's 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.

