

Meeting Minutes 11/2/18

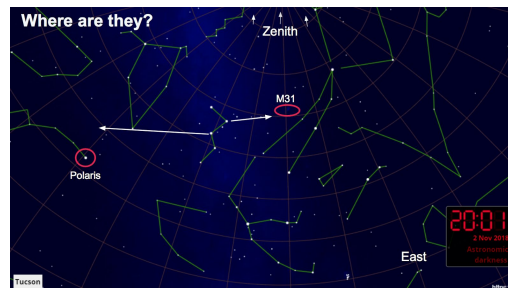
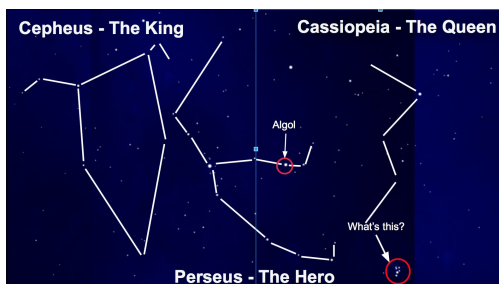
- **ATOMM:** Astronomy Tutoring of Majors and Minors. A tutoring service where upperclassmen/grad students provide help for you astronomy/physics/math classes! This takes place everyday in the Parker Library (across from N305) from 2-4pm. Be sure to come if you need help with these subjects, want to study with friends, or meet people in your major!
- **TIMESTEP:** The next meeting will be held on November 7th in PAS 218 at 5pm. It will be the first Graduate School Application Workshop! Bring a draft of your personal statements for grad school to be reviewed by faculty, and hear tips about applying from current graduate students! There will be pizza!!
- **Don's Question of the Week:**
 - APOD from about a week ago, "Light Pillars over Whitefish Bay" What are the light pillars?



- Lights from the city below reflecting off of the ice crystals in the atmosphere!
- In the News, space missions to asteroids! Check out pictures of Ryugu from Japan (diameter = 900 meters); and Bennu from the US (diameter = 900 meters). These asteroids have a density of about 1.3g/cm^3 , and water is about 1g/cm^3 . How would you explain the difference between these asteroids and water? Kind of spongelike, a "rubble" pile.
- LaGrange Points -> JWST will be at L2. L4 and L5 have the Trojan asteroids. Someone confirmed that there are dust clouds at L5. They reflect light that is polarized. We expect a distribution of material around

the point. However, the pictures are quite faint so it's acceptable to be skeptical. Let Don know if you're interested in talking more about this stuff!

- **Astronomy News of the Week:** Presented by Collin Lewin! The first one: NASA's Dawn mission is coming to an end (:() it has run out of its fuel so it will stay in orbit around Ceres for the next 50 years or so. For the 2nd one, Kepler is coming to an end as well (:() as planetary research advances, it's being replaced by TESS. And TESS will be able to discover even more exoplanets! Here's the link for the first one: <https://www.jpl.nasa.gov/news/news.php?feature=7275> and here's the link for the second one: <https://psmag.com/environment/kepler-is-ending-but-planetary-research-is-just-beginning>
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 Cepheus - The King, Cassiopeia - The Queen, and Perseus - The Hero! Here's the mythology behind them -> <http://www.constellation-guide.com/constellation-list/cepheus-constellation/> (Cepheus), <http://www.constellation-guide.com/constellation-list/cassiopeia-constellation/> (Cassiopeia), <http://www.constellation-guide.com/constellation-list/perseus-constellation/> (Perseus) Check out in-the-sky.org if you want to use a planetarium on your computer!



- **Kitt Peak Star Party:** Will be on Nov. 3rd! Meet about 10 minutes before 4pm in the south steward parking lot. Make sure to dress warm! Snacks will be provided but you'll have to bring any other food for yourself.

- **Astro club Game Night!** November 16th, after our meeting! Bring board games and snacks! (There might be an ATARI as well!)
- **Star Parties:** We have one on November 13th at Whitmore Elementary School from 6-8pm. There will be telescopes and other activities! On November 20th there will be a star party at Carrillo Elementary from 4-7pm, there will be telescopes and activities, will need to do 2 shifts.
- **Active Galactic Videos:** They made a new video, From the Archives: Size of the Universe (it was filmed 10 years ago)! 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!:** Coming soon! Please indicate your size on the sheet! We will be getting mediums for those who do not have their sizes on there! (Make sure you double check!)
- **Astronomy Club Officer Application:** Due November 9th!

Application Format:

Name:

Year:

Picture:

What position are you applying for and why you want that position:

Please email Mackenzie or Ryan if you're interested!

- **Astronomy Club Officer Elections:** Elections will be held November 16th and applications will be due the week before. The "application" being your name, your year, what position you're running for, and a short blurb about yourself! Here's some info about each position:

- President:
 - In General: Knows What's Up at all times with astro club
 - Includes club events, star parties, funding, etc.
 - Liaison to university community Official representative of club
 - Runs club and officer meetings
 - Inspires enthusiasm for astro club!
- Vice President:
 - Help president with any they may need
 - Organize and coordinate club events
 - Responsible for sending information about club events to members
- Treasurer:
 - Maintain accurate and current account of all organizational funds
 - Ensure club members pay semester dues
 - Authorize purchases for club activities/events
 - Reach out to ASUA for supplemental funding when needed
- Outreach Coordinator:
 - In General: Organize Star Parties
 - Organize star parties and come up with new activities,
 - Manage star party activity inventory
 - Liaison between Astro Club and the Public
- Secretary: (oh wow that's me)
 - Make Meeting Minutes!
 - Maintain the roster of current members
 - Responsible for organizing current and accurate club records
 - Coordinate information communication with VP
- Tech Officer:
 - Website management and upkeep
 - Social media communication
 - Advertising design and general graphic design
 - Business cards, table banner, etc.
- Historian:
 - Capture beautiful astroclub moments in picture form
 - Creates emotional end of semester slideshows
 - End of the year scrapbook
 - Help with star parties
- New Officer Position! Equipment Manager:
 - Helps manage/keep track of our outreach equipment
 - Includes telescopes (and accessories) and supplies for our outreach activities
 - Would work with our outreach coordinator

- **Pay yo dues!** \$10 each semester, funds for trips, snacks, cool activities, shirts, etc. Due it.

