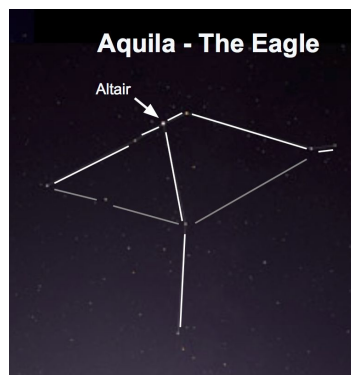


## Meeting Minutes 10/12/18

- **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 October 24th in PAS 218 at 5pm. The topic discussed will be applying to graduate school! Hear from a panel of faculty and staff about what's involved in applying for graduate school and how to set yourself up to be competitive. There will be pizza!!
- **Don's Question of the Week:**
  - How many times brighter is a full moon than a quarter moon? You would think it's 2 times.
  - Heiligenschein (a bright spot appears around the shadow of an object) plays a part in this.
  - Albedo is a function of "phase angle" due to efficiency of scattering
  - The moon is actually 30% brighter at full moon than at first quarter!
  - Check out the Heiligenschein effect when walking between PAS and Steward on the newly painted crosswalk!
- **Astronomy News of the Week:** Presented by Michael Hardegree-Ullman!  
Here's the link:  
<https://www.npr.org/2018/10/11/656473889/rocket-launch-failure-forces-astronaut-and-cosmonaut-to-make-ballistic-landing> Russia tried to send an American astronaut and a cosmonaut to the ISS, but there was a thruster malfunction so they had to make an emergency landing! They are okay, but this could lead to problems in the future with coordinating when those currently on the ISS will be coming back and whether or not they will have to leave the ISS uncrewed!  
Be sure to sign up for astro news of the week! It's super fun and we like to know space news!
- **Astronomy News Team:** ANT will be having their next meeting on Thursday Oct. 18, they will be discussing Habayusa2 and its components, instruments, and purpose. Let Olivia (olj1298@email.arizona.edu) or Madelyn know if you're interested!

- **Constellations of the Week:** Presented by Sammie Mackie! This week is Cygnus the Swan and Aquila the Eagle! Here's the mythology behind them -> <http://www.comfychair.org/~cmbell/myth/cygnus.html> and <https://www.heavens-above.com/myth.aspx?con=aql&lat=0&lng=0&loc=Unspecified&alt=0&tz=UCT&cul=en> Check out inthesky.org if you want to use a planetarium on your computer!



- **Star Parties:** There will be one at Himmel Park Library on October 18th from 6-8pm. As of now, we have enough volunteers! There will be an internal Star Party at Kitt Peak on Saturday November 3rd, sunset will be ~ 5:30pm. And we have another one on November 13th at Whitmore Elementary School from 6-8pm, we will be sending out the sign up sheet for this one soon!
- **34th Annual New Mexico Symposium:** A conference held at NRAO in Socorro, New Mexico at New Mexico Tech will be on November 9th, 2018. We leave on Thursday afternoon, conference is all day Friday. If you have a poster and are thinking of going to AAS, this is good practice for you to present! You must register by Thursday October 25, 2018, registration is free but it will cost money for hotel/food etc. If you want to be on the emailing list go to the nmsymp e-mail list manager.
- **Conference for Undergraduate Women in Physics:** It will be at UC Santa Barbara from January 18th-20th, 2019. Applications open until October 12th. If you are interested in going, email Holly Brown! And they can fund you!
- **Club Group Picture:** We took that today!

- **Pumpkin Carving:** Will be on October 26th after the club meeting! We'll carve pumpkins on the grass outside of Steward Observatory! Sign up sheet is out now and will be closing a few days before the event!
- **Spring Fling Committee:** We need 4-5 people to help us with Astro Club's involvement in Spring Fling. It will be a large time commitment, but it will be good experience for you if you're interested in club officer positions! Email Mackenzie or Ryan if you're interested!
- **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.
- **Society of Physics Students:** UA has a brand spankin new physics club! They meet every other Wednesday at 5pm in PAS 218. The next meeting will be October 17th. Go check them out if you like phun physics!
- **T-shirts!:** Coming soon! We'll be sending out a sign up sheet for sizes!
- **Pay your dues!** \$10 each semester, funds for trips, snacks, cool activities, shirts, etc. (a shirt might be included) Due it.

