

Meeting Minutes 2/1/19

- **ATOMM:** In Parker Library (across from N305) from 2-4pm. It's a great resource to use for the beginning of the semester!
- **TIMESTEP:** REU Personal Statement Review Workshop! The second one is on January 30th in PAS 218. Bring a draft of your personal statement to apply for research or internship opportunities. Faculty and staff will be available to help. MUST RSVP to gbesla@email.arizona.edu
- **Don's Question of the Week:**
 - What do you see?



- Ice crystals create a 22 degree halo around the Sun! (It happens around the moon too!)
- A Sense of Scale: How does the force of gravity compare to the electromagnetic force...between two protons or two electrons? The electromagnetic force is much stronger between two protons (or two electrons) than gravity! Think about how much mass and charge electrons and protons have!
- Don had us draw what the moon's horizon would look like. Thankfully, everyone's looked just like the real thing!



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- Mt. Rainier

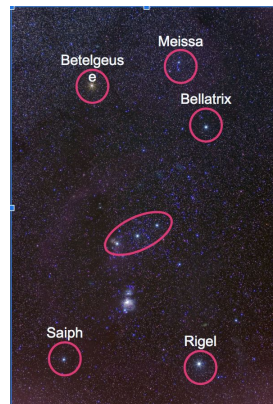


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- Shadows of all mountains are triangular!
- Is this picture real?



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- Yes! Due to light scattering in the atmosphere!

- **Astronomy News of the Week:** Presented by Savannah Gramze! Here's the link -> <https://astronomynow.com/2019/01/31/hubble-stumbles-on-previously-unseen-dwarf-galaxy/> Found a new dwarf galaxy in a picture of a globular cluster taken by Hubble!
- Don't forget to sign up for Astro News of the week this semester!
- **Constellation of the Week:** Presented by Sammie Mackie! This week she presented Orion-The Giant Huntsman. Check out the mythology behind it at [constellation-guide.com!](http://constellation-guide.com/)



- **Star Parties:** We have one on February 7th at Harelson Elementary from 5:20-8pm, February 12th at Lineweaver Elementary from from 5-7pm, March 1st at Rio Rico Elementary, March 12th at Sewell Elementary, and April 25th at Donaldson Elementary. Sign Up sheets will be sent out for each party with more details on time/activities.
- **Spring Trip!:** We'll be going to the Very Large Array in Socorro, New Mexico! The potential date is March 29th - 31st. You can go if you are a club member who has 1) paid your dues and 2) volunteered at a star party! The activities we might do include a VLA tour, Magdalena Ridge Observatory, Star Party, and a Tour of the telescope museum.
- **Dancing Under the Stars:** Fun collab event with the Arizona Swing Cats! It will be on Saturday Feb. 16th from 6~8pm. There will be a basic swing dance lesson with star gazing! The first 45 minutes will be the lesson and the rest will be a dance social with an open floor!
- **Physics GRE Info:** Are you taking the Physics GRE in 2019?? A few seniors who have had success in the PGRE wanted to share their experiences and thoughts in retrospect in an effort to demystify the exam. We were thinking of doing so the week after next (Feb 11-17). Check out the Doodle Poll sent by Holly
- **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.
- **Astronomy Majors Lounge:** If you're an astronomy major, you can use this lounge for all your lounging and soup needs!
- **Pay your dues!** \$10 each semester, funds for trips, snacks, cool activities, shirts, etc. Due it.



