

Meeting Minutes 10/26/18

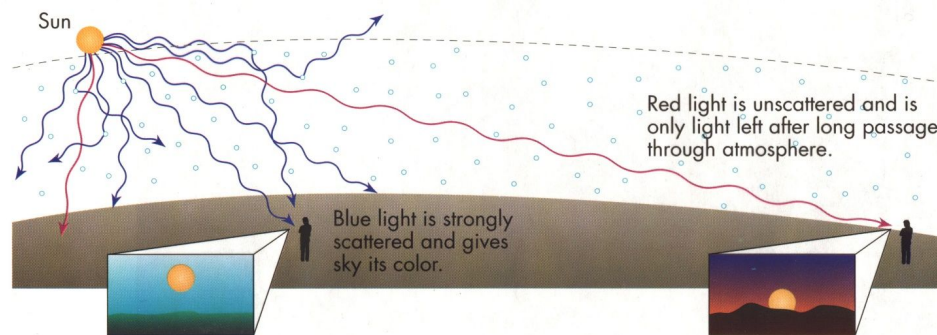
- **ATOMM:** Astronomy Tutoring of Majors and Minors. A tutoring service where upperclassmen/grad students provide help for you astronomy/physics/math classes! This takes place everyday in the Parker Library (across from N305) from 2-4pm. Be sure to come if you need help with these subjects, want to 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:**

- Check out this cool picture (no filter)!



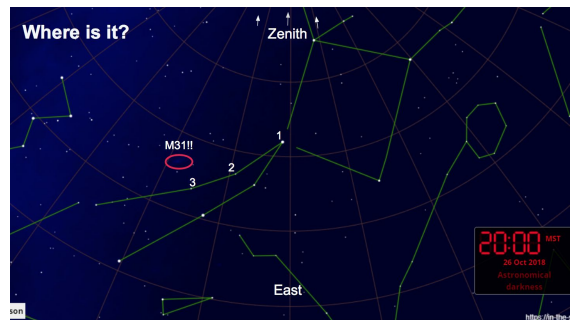
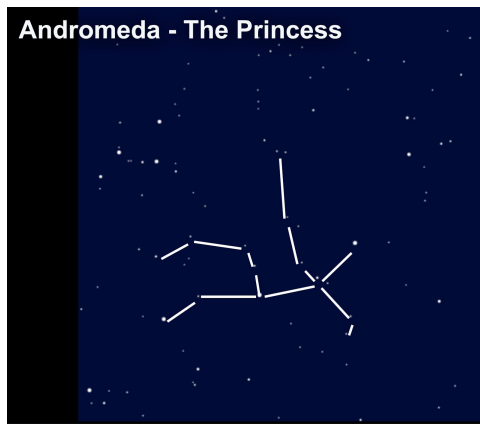
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- Why would the picture be pink in the east part of the sky and blue in the west? This was taken a few minutes after sunset!
- The answer, Rayleigh Scattering!



- This is also the answer to why the sky is blue!
- The **blue hour** is the period of [twilight](#) ([morning](#) or [evening](#)), when the Sun is between 4° and 8° below the horizon, and residual, indirect [sunlight](#) takes on a predominantly [blue shade](#). During the blue "hour", which typically lasts roughly 20 minutes (depending on [latitude](#)), red light passes through space while blue light is [scattered](#) in the atmosphere, and thus reaches Earth's surface. When the [sky](#) is clear, the blue hour can be a

colorful spectacle, with the [indirect sunlight](#) tinting the sky yellow, orange, [red](#), and [blue](#). This effect is caused by the relative [diffusibility](#) of shorter [wavelengths](#) (bluer rays) of [visible light](#) versus the longer wavelengths (redder rays). ^{[[citation needed](#)]} Many artists value this period for the quality of the [soft light](#).

- **Astronomy News of the Week:** Presented by Shitij Seth! China is launching artificial moons to in urban areas. Street lights are overrated so China wants to use the sunlight reflecting off of satellites instead. The “illumination satellite” would orbit above the Chinese city of Chengdu and glow in conjunction with the actual moon, but shine eight times brighter if it’s done! Here’s the link: <http://www.astronomy.com/news/2018/10/china-artificial-moons>
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 Andromeda - The Princess! Here’s the mythology behind it -> <http://www.constellation-guide.com/constellation-list/andromeda-constellation/>
Check out in-the-sky.org if you want to use a planetarium on your computer!



- **Star Parties:** There will be an internal Star Party at Kitt Peak on Saturday November 3rd, sunset will be ~ 5:30pm. We will be meeting in the south Steward Parking lot at 4pm. 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! There will be telescopes and other activities!
- **Active Galactic Videos:** They made a new video, on the history of adaptive optics! Check it out! It’s called Astronomy and the Cold War -> <https://youtu.be/C0gdJmO67SE>

- **Pumpkin Carving:** We did that today!
- **Spring Fling Committee:** Unfortunately, not enough people signed up to do this so it will not be happening.
- **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 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.

