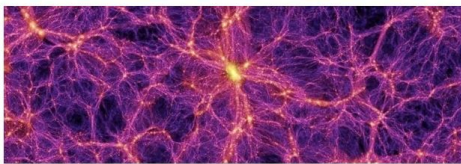


## Meeting @inutes 9/27/19

- **ATOMM (Astronomy Tutoring or Majors and Minors):** Need help with math, physics, or astronomy? Want a place to study with friends?  
Stop by *EVERYDAY* b/w 2-4pm @ Parker Library, outside N305. Get to know people in your major and work together, while also having upperclassmen available to help!
- **TIMESTEP:** TIMESTEP is a discussion group about topics of professional development for undergraduates in STEM fields at U. Arizona with a specific focus on supporting students who are under represented minorities (URMs).  
Next Meeting; What it's like to be a Graduate Student -> on October 9th in PAS 218. Hear from a panel of UA graduate students in physics and astronomy about the realities of graduate school and why they chose to pursue a PhD.
- **Searching for Volunteers for Spanish Astronomy Public Talk:**



### Searching for Volunteers for the Spanish Astronomy Public Talk on October 21st

- ★ **Help organize** the new talks on astronomy!
- ★ Meet other **Spanish speaking astronomers and physicists!**
- ★ **Gain experience** talking to large groups and in public!
- ★ Talk about future academic careers with our speaker!

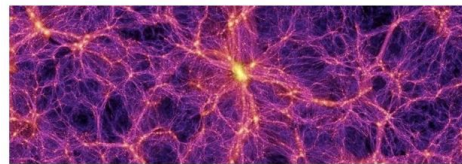
#### Volunteers will...

- ... help organize logistics of the event.
- ... greet members of the public before the talk.
- ... translate information from the telescope operators.

*Must be a fluent Spanish speaker!*

To get involved or for any questions, please email:  
[rehviding@email.arizona.edu](mailto:rehviding@email.arizona.edu)

**A History of Dark Matter** by Dr. Zaritsky  
Date: October 21. Time: 7:30 - 9:30 pm.



### Buscando Voluntarios para la Charla Pública de Astronomía en Español el 21 de Octubre

- ★ **¡Ayuda a organizar** la nueva serie de charlas sobre astronomía!
- ★ ¡Conoce a otros **astrónomos y físicos hispanohablantes!**
- ★ **¡Adquirir experiencia** hablando con grupos grandes y en público!
- ★ **¡Hablar sobre futuros caminos académicos** con nuestro ponente!

#### Los voluntarios...

- ... ayudarán a organizar la logística del evento.
- ... saludarán a los miembros del público antes de la charla.
- ... traducirán información de los operadores del telescopio.

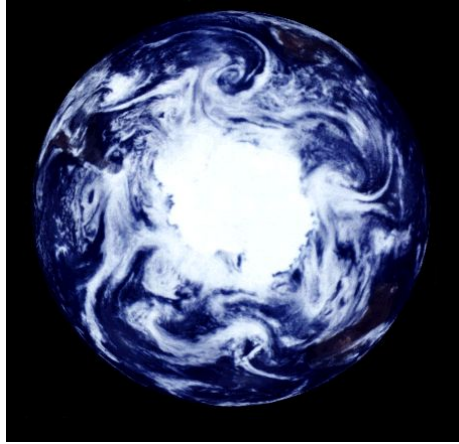
*Debe haber español con fluidez!*

Para participar o para cualquier pregunta, envíe un correo electrónico a:  
[rehviding@email.arizona.edu](mailto:rehviding@email.arizona.edu)

**Una Historia de Materia Oscura** por el Dr. Zaritsky  
Fecha: 21 de Octubre. Hora: 7:30 - 9:30 pm.



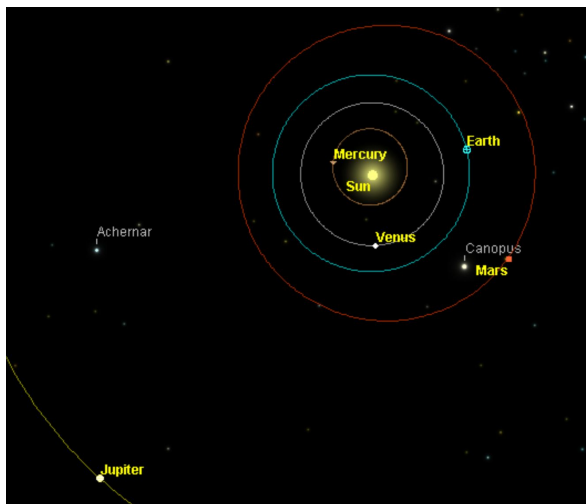
- **Astronomy Question of the Week:**
  - Send your cool Equinox pictures to Don! [jk it was too cloudy :)]
  - Is this image real or fake?



- 
- Well it depends on your definition of real or fake ;) You can kind of tell that it's Antarctica, it's composed of real pieces, but the picture itself could not have been taken in one snapshot
- Is this possible or not?



- 
- 



- 
- This is how you would visualize it, so yes it could be possible!
- Is this real or fake?



- 
- This is a past APOD, the bigger “slice” is the moon, and the smaller one is Venus! It is real! (wack)
- Real or fake?



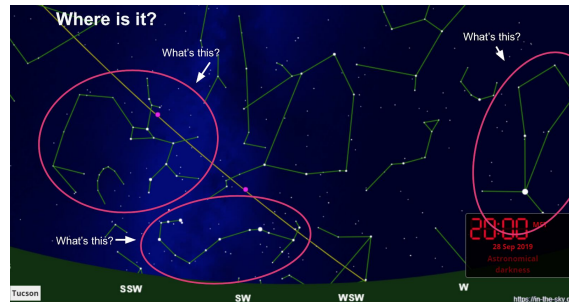
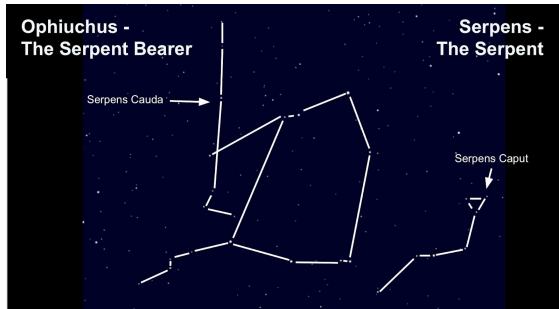
- 
- This is real! It's an EPOD (Earth Picture of the Day). The sun is below the horizon in the background, and there's a fog bank behind the mountains, where the shadow of the mountain is being cast!
- Real or fake?



- 
- Moon is shining through clouds, and volcano illuminates the right half

- **Astro News of the Week:** Presented by Emily Walla! TESS (Transiting Exoplanet Sky Survey) finds a star getting shredded by Black Hole! Here's the link-><https://youtu.be/85tdoDt1Qh0>
  - **Pls sign up y'all it's super chill and fun, the sign up sheet is out!**
- **Constellation Corner:** Presented by Sammie Mackie! This week is Ophiucus-

The Serpent Bearer, and Serpens the Serpent! Check out the mythology behind it at <https://www.constellation-guide.com/constellation-list/ophiucus-constellation/>.



- **Club Picnic:** Will be on September 28th at Windy Point, on Mt. Lemmon. We'll have a picnic and then star gaze! We'll meet at the old Main roundabout at 3:45pm, then leave at 4:00 pm. Please bring food item to share (not messy/needs to be frozen), or \$5 food donation by this Friday. The sign up sheet is out and will be closed by midnight tonight! There will be another sign up sheet sent out so people can say what food they will be bringing if they plan on it!
- **Star Parties:** The next one will be on October 17th at Himmel Park Library, and there will be one on October 24th at Lynn-Uriquides. There will be activities and telescopes at Lynn-Uriquides so we will need about 5-6 people for the event. The sign up sheets will be sent out soon.
- **Telescope Training/Demos/Movie Night:** This will be on October 18th after the club meeting. We'll watch a movie (poll to be sent out soon) and have pizza! After, we'll have groups to show how to set up/operate our telescopes and go through our demos/activities. You need to have completed this before volunteering for a star party!
- **Physics club:** Meets every other Wednesday at 5pm in PAS. Next meeting will be on October 2th.
- **Astronomy Majors Lounge:** Now in the dome! In the room right by the stairs on the ground floor!
- **Astronomers:** If you have a snacc attacc, look no farther than Astronomers! The unofficial Astro Club snack store on 3rd floor outside Parker on the bookshelf. It's restocked every week, and open to everyone, including faculty. Honor system

payment

- **Please pay your dues!** They are \$10 a semester. They help provide funds for trips, snacks, cool activities, shirts, etc. Also if you want to attend one of our internal events such as the club picnic and the dishwalk, you need to have paid your dues!