

## Meeting Minutes 2/2/18

- **ATOMM:** Astronomy Tutoring of Majors and Minors; A great place to receive help on your math, physics, and astronomy classes! Also a great place to meet and study with friends! ATOMM takes place every day between 1-2:30 at Parker Library outside of N305
- **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). It's there to help you graduate, mostly focusing on research opportunities and internships. There will be a meeting next week in N305 on February 7th, the topic will be Navigating UA as an international student. There will be pizza!!!
- **Astronomy News of the Week:** Presented by Marina Dunn! IMAGE was launched to look at the magnetosphere of the Earth, but NASA lost communication with it in 2005 and was lost. That is, until an amateur astronomer found it the other day while searching for a government spy satellite. Johns Hopkins University's Applied Physics Laboratory is now trying to reestablish contact with it. Here's the link for more info:  
<https://www.npr.org/sections/thetwo-way/2018/01/30/581787865/given-up-f-or-dead-nasa-satellite-found-operating-by-amateur-astronomer>
- Don't forget to sign up for Astro News of the Week! It's a great way to involve yourself with the club and introduce yourself by telling us about cool current events that involve space!
- **Don's Question of the Week**
  - Check out the cool "Sun Glitter" Effect in the Astronomy Picture of the Day from January 27, 2018
  - Will solar and lunar eclipses ever cease? Yes for solar eclipses, as the moon moves farther away, its angular diameter becomes smaller and all total solar eclipses will become partial. Here's the link to the article:  
<https://www.forbes.com/sites/startswithabang/2017/08/18/earths-final-total-solar-eclipse-will-happen-in-less-than-a-billion-years/#6011b727635a>
  - Your mission: develop an orbiting satellite to accomplish the following: "...to encourage people to consider their place in the universe and reflect on what's important in their own lives and the lives of humanity as a species." One New Zealander's mission led to the creation of the Humanity Star: 65 carbon-fiber panels, brightest magnitude = 1.6. A giant

disco ball made so we can all rave together. (Jk) It was actually made for building international unity and to be consistent with polar orbit. It will make a Tucson orbital pass on April 24. URL for more info:  
<https://www.thehumanitystar.com/>

- **Jenny's Coffee Conundrum:** "So I had some leftover coffee that I wanted to heat in the microwave. When I took it out it was bubbling, and by the time I brought it over to the table, it was doing the odd kinda heart-beat movement. I think I figured out why. So I had added half and half to the coffee and when milk is heated too rapidly, a 'milk skin' can form that's made of protein. I think most people have seen something like it before. So when I took my coffee out, it was boiling, then it cooled off enough for the milk skin to form, but underneath it was still boiling, causing the movement." (It was weird looking)
- **Star Parties:** Our next star party will be on February 19 at Lynn-Urquides Elementary School from 5:30-7:30pm. After that, we have a star party on March 2nd at San Cayetano Elementary School from 6-7:30pm.
- **Telescope Training/Movie night:** Will take place after the club meeting on February 9th. We'll be watching the movie in N210 and then head out to the mall for training. There will be pizza! Make sure to sign up and vote on what movie we'll watch as well as vote for toppings on our pizzas! Also make sure to volunteer for star parties to do fun stuff like this!
- **Art of Planetary Science:** Currently taking place in LPL (Kuiper Building) from February 2-4. Will be from 1-5pm Saturday and Sunday.
- **Spring Trip!** We're planning on going to San Diego! The tentative date is April 6-8th, and so far we plan to go to the San Diego Air and Space Museum and have a beach day. If you have any other suggestions on what we could do, let us know! (Please be aware that this WILL cost money!)
- **Pay your dues!!!** \$10 per semester! We need funding for the fun trips we want to do!