Last news from the front (Engineering and Data Quality status):

- We have issued our first ATELS (#11266 http://www.astronomerstelegram.org/?read=11266, 11274) reporting NEAs, comets, asteroids, stars, and supernovae!
- The mini-survey started on Thursday: we have been building reference images in R over ~5000 sq.deg and we will survey this region four times/night for the next 7 nights with >30 min. between visits. Alerts will be in the marshal within about 10 min and we have Palomar follow up scheduled for Mon/Tues nights.
- There is some indication that it takes a couple of hours at the start of each night for the image quality to improve and stabilize since the recommissioning. This may be related to dome seeing. Further investigation continues.

Help with Real-bogus training:

The ML group continues to collect real-bogus classifications from volunteers. This is a very important task for the real-bogus training and we need as many participants as possible. So if you would like to have some fun clicking beautiful "reals" and "beautiful" boguses, please sign in and start the fun!
 https://www.zooniverse.org/projects/rswcit/ztf-rb-project

European-friendly machine learning meetings Wed. 9 AM PT

Thanks for filling the doodle!
The meetings will be hold alternatively on Wed 9 AM PT to suit european and Israeli participants and at 2 PM on Thursdays

Machine Learning day at the ZTF collaboration meeting

There will be one extra day at the ZTF meeting (Thursday, March 22) for a working group discussion on machine learning software. People from Berlin and UW will work with Matthew organizing this day's activities. If you are interested in participating, plan your travel accordingly.

News from working groups

Physics of Supernovae and Relativistic Explosions: "The Supernova and Relativistic Explosions group is eagerly watching the ZTF data stream for transients, now that the "test run" is underway! We are exploring the new Growth Marshal setup, helping monitor the P48 status, and are ready to scan as soon as candidates start appearing. "

Solar system: "- ZTF found its first Near-Earth Object (NEO) on Monday: 2018 CL. See ATEL 11274: http://www.astronomerstelegram.org/?read=11274
- Spectra of 2018 CL was obtained by SEDM and P200 throughout the week. Thanks to Richard and the SEDM team as well as Kevin and Andrew for their helps!
- Another possible NEO was found on Tuesday and is likely a Potentially Hazardous Asteroid. It is now being confirmed."

Stellar: "The stellar group received their some matchfiles of low Galactic latitude regions for validation. We continue our discussion on filters for Galactic transients. During our next teleon, next Tuesday, Jakob Nordin will introduce us to AMPEL"

Machine Learning group and zooniverse: "New ref images have been generated over the last few nights, but because whether affected observing, these are not as good as we had hoped. Alerts were generated, and zooniverse has new additions from these alerts. The alerts are being pushed to the GROWTH marshal so that filtering can be done there"

Cosmology: "Discussions this week have focused on what ATEL/publication policies work best for SNIa large sample cosmology studies and on what catalog matching will be most frequently requested".

Reminders:

- The registration for our ZTF team meeting (Caltech, March 19-21, 2018) is now open! Please use the link below: https://goo.gl/forms/TCYa5rhFFdxv07rk2

- Archive GUI now ready! The interactive image search, filtering and visualization tool is now ready (see previous newsletters).

- The ZTF Twitter account is now active! https://twitter.com/ztfsurvey Re-tweet @ztfsurvey!

- To use the url shortener (e.g. during telecons, talks, in emails), navigate to http://zwicky.tf/shorten (username: ztf password:16chips) and type in the URL you want shortened.

- The Wiki page is active! Check it out at http://zwicky.tf/wiki.

- To request access to the wiki page: please email us at ZTF.communication.coordinators@gmail.com

"We're doing ok for a bunch of monkeys. Humanity rocks!" (Elon Musk)

Have a great and productive week!
Thomas and Maayane