##################
Newsletter #24, April 4th 2018
##################

Last news from the front (Engineering and Data Quality status):
- There was an issue with the shutter that has been remedied but we still await a final fix
- The filter exchanger passed its readiness review last Friday and a first operations test night happened on Thursday.
- New star-galaxy scores are incorporated at IPAC; future alert packets will include these new scores
- A new linearity model has been deployed into the pipeline
- Starflat analysis is ongoing

ZTF summer school:
We will have our first ZTF summer school between July 18th - 20th. Help is urgently needed. Please email Matthew Graham (mjg@caltech.edu) if you can and want to help.

ZTF slack general channel:
Following several requests at the ZTF collaboration meeting, we opened a new ZTF general slack channel, meant for general ZTF discussion (as working groups have their own channels).
Please join through this link! :-)

A layout slide for all your future ZTF presentations:
Following several requests at the ZTF collaboration meeting, and to make sure no partner is forgotten in presentations, we made available to you a template that can be used as the first slide/a layout. Please have a look at the "Outreach resources" section on the Wiki.

Access to ZTF data
If you want to get access to the ZTF data via the IRSA interface, please request data access to the communication coordinators: ztf.communication.coordinators@gmail.com

News from working groups
Machine learning: "New SG model has now been implemented and a revised RB model (still with SNR > 15 training) should be implemented tonight (April 4). That is expected to reduce the bogus objects due to bright stars seen recently in the transient marshal (but likely not eliminate them until SNR < 15 training is complete). That is the next milestone we are working towards by gathering the different types of boguses being marked (along with the reals)."
Cosmology: "Several members of the ZTF cosmology group, as well as from other ZTF SWGs, are at the European Week of Astronomy and Space Science (EWASS) meeting this week. Multiple talks and posters have been presented showcasing ZTF science possibilities, as well as how the community can access the data. Feedback has been great and everybody is looking forward to seeing all the alerts and science that will come out of ZTF."

Physics of Supernovae and Relativistic Explosions: "The Supernovae and Relativistic Explosions working group are getting organized scanning the Science Validation filter to improve the machine learning at the lowered S/N threshold, as well as search for interesting transients of course. Many of our European members are also attending the EWASS meeting this week, presenting results from PTF/iPTF and advertising the start of ZTF.

Also note Stockholm University is hiring again: one PhD student position (deadline April 24; https://www.su.se/english/about/working-at-su/phd?rmpage=job&rmjob=5239&rmlang=UK), and on Assistant Professor position (deadline May 15; https://www.su.se/english/about/working-at-su/jobs?rmpage=job&rmjob=5209&rmlang=UK)."

Solar system: "According to the newest MPC monthly report, number of new asteroid discoveries made by ZTF (that received MPC designation) is 303."

<u>Reminders:</u>

- 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

"Try to be a filter, not a sponge" (Stephen Chbosky)

Have a great and productive week!
Thomas and Maayane