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Newsletter #21, March 16th 2018  
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**Last news from the front (Engineering and Data Quality status):**

Over the last few days we ran successfully several large scale filter exchanger tests.

**Switch to operations cadence:**

Tonight, we plan to start with operations cadence in single filter mode. This will also start the tagging with Caltech, partnership and MSIP data..

**Ampel update:**

Several members of the AMPEL team will be present during the collaboration meeting next week. We have prepared a series of notebooks that demonstrate how AMPEL works, and how it can be used for ZTF. If you are interested, please arrange to sit down with one of us to look at these and have your questions answered. In particular, Wednesday afternoon/evening and Thursday looks suitable for this.

**ZTF webpage:**

The ZTF webpage is now online. Some information and news can be found on the webpage, though some sections like publications and outreach are still under construction.

<http://www.ztf.caltech.edu/>

**News from working groups**

**Physics of Supernovae and Relativistic Explosions:** "The Supernovae and Relativistic Explosions group just discussed a few MOUs for external collaborators, and are otherwise scanning the incoming alert stream for interesting transients (and marking artifacts to improve the machine learning!). We look forward to the collaboration meeting next week!"

**Solar system:** "In a lucky night of Mar 7 we detected two streaking objects. Unfortunately both turned out to be man-made objects: one is a hardware from the SOLRAD 11 mission, the other has not been identified yet but is definitely in a geocentric orbit.

- Working with the ML group to understand and improve the detection efficiency of the streak pipeline."

**Stellar:** "We successfully recovered a number of known ultrashort period systems from high-cadence commissioning fields. We have started to work on observing proposals for follow-up observations of the August and winter high-cadence Galactic Plane fields."

**Reminders:**

- 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](mailto:ZTF.communication coordinators@gmail.com)

"Good things happen when you meet strangers" (Yo Yo Ma)

Have a great and productive week!  
Thomas and Maayane