If the newsletter does not look good in your email, check the pdf [here](#)!

News from working groups

Machine Learning: "We have made some changes to the RB pipeline to reduce contamination. Only labels of 'Bogus' from the weekly GROWTH marshall feed will be added as bogus examples. We will ignore labels such as 'Stellar', 'Negative', 'Moving', 'AGN', and 'Not relevant to this'.   We plan to build new RB classifiers that incorporate these changes starting next week. We are simultaneously working on implementing hyperparameter optimization, re-vetting of labeled candidates and building training data for a Galactic-plane specific classifier. We will start to look at match files, especially for help with RB in the Galactic plane."

SNe Ia / Cosmology: "We have started a deeper spectroscopic observation run in order to type SNe Ia beyond the depth of the Bright Transient SEDm program. Since no ZTF observations were taken this week, we are also trying to type some SEDM targets that have faded below the BTS threshold."

Galactic/M31: "We are working on several abstracts for the AAS and continue our period search in the ZTF lightcurves. Some of us put in observing proposals. Two external collaborators were approved. Welcome to JJ Hermes and Monika Soraisam."

Reminder: IMPORTANT: We (still) need your help for the ZTF FAQs page! (and would love to remove this item from the newsletter)

During several weeks, we have listed the questions that people across the collaboration would like to have in the [FAQs](#) page. Now it is time to add answers. Please help us fill the voids (and elaborate on the answers already there).

More reminders:

- Public Alerts:There is a [link](#) to the alerts archive on the [website](#)!

- Please help us keeping track of all the available softwares! A preliminary list is available on the [twiki](#). Let us know if you are building a software which you think could benefit (or be relevant to) a large portion of the collaboration.

- ZTF general slack channel: Please join through this [link](#)!

- 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

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

- 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, please email us at ZTF.communication.coordinators@gmail.com

"40 is the old age of youth, 50 is the youth of old age" (Victor Hugo)
Happy 50th Newsletter anniversary!

Have a great and productive week!
Thomas and Maayane