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Newsletter #79, April 29th 2019

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

Updates from the GROWTH Marshal (by Ashot Bagdasaryan)

"We have updated the downloadable photometry page, print_lc.cgi, to include the column isdiffpos so users can know which photometry points are negative. Users may need to update their scripts that use this functionality to prevent the potential adverse effects caused by having a new output on this page."

News from working groups

Machine Learning: "(1) Some of us visited UW to discuss various ML aspects of variability, with an emphasis on stellar variability. Some golden datasets will be created on which various techniques can be tried. Matthew and Eric will circulate minutes. (2) Dima has labeled several thousand real and bogus objects for real-bogus classification. This set can be used with RF and DL methods. (3) We are taking a short break from Zooniverse as we analyze the data collected so far. We plan to move to more challenging areas like fainter transients, variables and transients in higher density areas."

Cosmology with SNe Ia: "In our continuing efforts to type SNe Ia fainter than what is targeted with SEDM, we have started submitting targets to ePESSTO. Furthermore we have started looking into the peak brightnesses of supernovae in the ZTF sample so far in order to measure their luminosity functions more precisely and understand selection effects better."

AGNs & TDEs: "Sara Frederick has submitted her changing look LINER paper to ApJ and posted to the arXiv. <https://arxiv.org/abs/1904.10973>"

Galactic/M31: "We are getting ready for, and eagerly awaiting ZTF-DR1 (May 8th). In addition, we are also getting ready to start Galactic Plane observing in a few weeks from now."

The papers corner:

Please send Joy Painter, the Astronomy Librarian at Caltech, links to papers as soon as soon as they are published. They will be kept track of [here](#).

Reminder: Save the date! September 3-5: ZTF fall collaboration meeting

Please save the date for the fall ZTF collaboration meeting, to be held on the University of Washington campus September 3-5. Space will be available on September 6 for further breakouts and hack sessions.

Reminders:

- PublicAlerts: 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

"We get talent and scale from mergers" (Angela Braly)

Thomas and Maayane