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Newsletter #54., November 3rd 2018

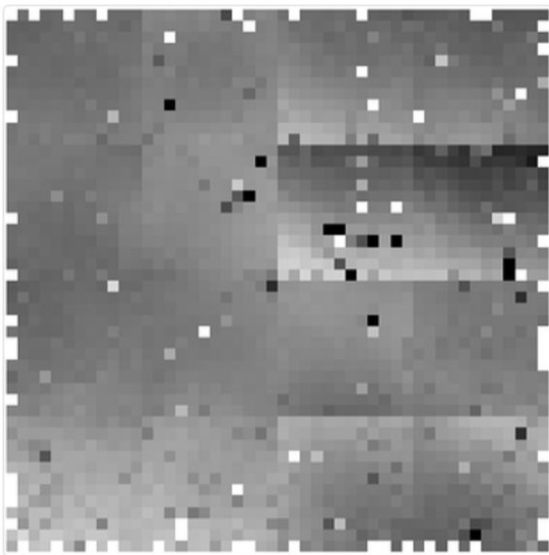
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If the newsletter does not look good in your email, check the pdf [here!](#)

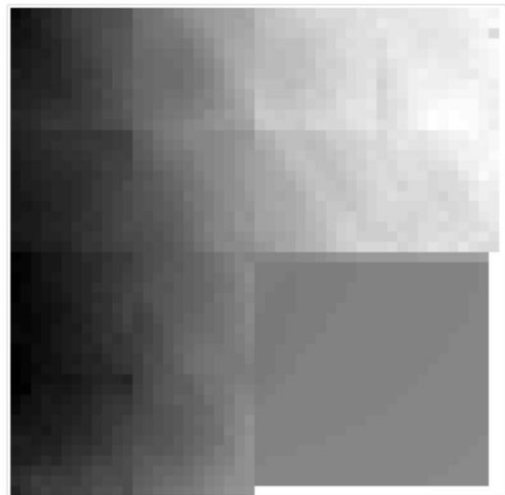
News from the front (Engineering) (by Roger Smith):

ZTF installation proceeded without drama. Thanks to an early start, focussed effort by engineering team and the Palomar team, pumping and cooling was able to start sooner on Monday for the system to be fully cooled by sunset on Tuesday. The cooling system continues to work better than ever.

Though the analysis is still quite preliminary, it appears that the reshimming of the CCDs was successful. This is illustrated by the reduced size of the steps between CCDs in the surface maps below. The map is prior to re-shimming is shown at left and the current maps shown at right. The overall tilt has not yet been removed. The absence of 4 CCDs in the lower right corner is due to a problem with one of the CCD controllers. This failure has been intermittent, slowing the diagnosis, so work to fix this continues.



rereshim_12ccd_first_look.jpeg ▼



1 reply

Mark your calendars, next team meeting is coming up:

The Weizmann Institute is happy to invite everyone to the next ZTF collaboration meeting, which will be held at the Weizmann Institute for Science in Rehovot, Israel - March 12-15, 2019.

Please have a look at the [meeting website here](#), and please begin registering (no costs involved) at your earliest convenience so that they can have a head count estimate ASAP.

News from working groups

AGNs & TDEs: “Alerts are flowing through our Nuclear Transients Filter on the Marshal! Thanks to Sjoert, we now have the infrastructure to auto-ingest alerts from our APEL filter into the Marshal...but there are issues with Kowalski being able to handle so many ingest requests at a time. We are hoping this will be resolved soon, since our AMPEL filter does a better job of star/galaxy filtering with the help of GAIA match information. We are working hard on two papers (TDE-NedStark spectroscopy paper by Tiara and CLAGN-TyrionLannister paper by Sara), and have demoted one TDE candidate to a SN (DaenerysTargaryen: ZTF18abgxjie). We are excited to be back on the sky, and will be triggering SEDM on the hunt for our next TDE.”

Multimessenger: “We received two high-energy neutrino alerts from IceCube. However, we were unlucky. The first one arrived on Oct. 23 when we had no camera on the telescope. The second one arrived at Halloween, but turned out to be a background event.”

Physics of Supernovae and Relativistic Explosions: “The Supernova and Relativistic Explosions group are excited to finally have saved a few new supernovae this week! We also had an interesting discussion with the nuclear transient group this week regarding "DanaerysTargaryen"/ZTF18abgxjie -- is it a supernova or TDE? Whichever it is, it is an interesting object!”

Solar System: “Several SWG members attended the AAS/DPS (Division for Planetary Science) meeting last week. Emily Kramer gave a talk about NEOZTF and was very well received. ZTF also has a good number of mentions in the relevant sessions (notably NEO surveys).”

Reminder: Having problems accessing the TWiki? Please contact us:

If you encounter any problem accessing the twiki, please do the following:

1. Try this [url](#)
2. If it does not work, please email us at [ztf.communication.coordinators@gmail.com](mailto:ztf.communication coordinators@gmail.com)

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

“How do you know if someone is worse the wait? If they come back.” Lanier Cruz

Have a great and productive week!
Thomas and Maayane