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Newsletter #115, February 12th 2020

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If the newsletter does not look good in your email, check the pdf [here](#)! (note that today the newsletter includes a GIF that you may be able to see only in your email)

Spring ZTF collaboration meeting coming up soon:

The spring 2020 collaboration meeting will take place March 23-25 in Berlin. Please have a look at the [meeting page](#). More information regarding the real-time multi-messenger workshop we will host after the collaboration meeting on March 26-27 can be found [here](#). **If you are coming and have not registered, please do so as we have started constructing the schedule!**

News from working groups

Solar System: “Over the last week 143 comet observations were made.”

Cosmology with SNe Ia: “The ZUDS group has prepared candidates for follow-up spectroscopy with Keck in ~1 week. Also, the SN ia cosmology group is working on using lensgrinder (the ZUDS pipeline) for obtaining I-band photometry on defringed images.”

AGNs and TDEs: “We are preparing an ATEL for the extreme AGN flare mentioned in the previous newsletter (ZTF19aagwzod), using the Swift/XRT data we found a huge outburst of X-rays. Meanwhile another spectacular flare from a likely AGN presented itself this week: ZTF19aambfxc. This one could still be a SN, spectroscopy will confirm.”

Physics of supernovae and relativistic explosions: “At the last telecon, we continued to speak about the survey strategy for ZTF Y3. The week before Anna detected a GRB afterglow at $z=2.9$ of an undetected GRB. We gave the transient the catchy name ZTF20aajnksq. This result is pretty cool considering the intrinsic time scale of GRB afterglow. In that spirit, Don told us about the GRB afterglow spectroscopy program with SEDm. We concluded that SEDm could play an important role in rapidly identifying high- z GRBs.”

The papers corner:

Thomas Kupfer et al. from the Galactic/M31 working group recently posted their paper “[The first ultracompact Roche lobe-filling hot subdwarf binary](#)” on arXiv.

Please keep us updated about your submitted/published papers, they will be advertised here.
Please send Joy Painter, the Astronomy Librarian at Caltech, links to papers as soon as they are published. They will be kept track of [here](#).

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

"To be brief is almost a condition of being inspired"

George Santayana

Have a great and productive week!

Igor and Erik