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Newsletter #92, July 30th 2019

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A very short newsletter this week again, as many of us are on vacation. **But stay tuned, news from the engineering team are coming back next week!**

News from working groups

Solar system: “(1) The last a few weeks have been busy and exciting for us. With excitement and a certain degree of sadness we reported the disintegration of comet C/2019 J2 (Palomar), which, happened to be the first comet found by ZTF. The comet disintegrated into a diffuse debris cloud in early July. ATel [here](#) (2) We also alerted the community about the overdue return of periodic comet 168P/Hergenrother. This comet had several outbursts and fragmentation events over the last return in 2012 (and was observed by PTF), so the overdue return could be due to its demise. ATel [here](#). (3) Mike finished the paper about the outburst of 240P/NEAT and submitted it to AAS Journals.”

Supernovae and relativistic explosions: “At last week’s telecon, Anna presented a paper draft on ZTF18abvkwla (a.k.a. the Koala). As the name indicates the transient is related to the Cow (2018cow) but at higher redshift.”

AGNs and TDEs: “One of our TDEs, Brienne (ZTF19aarioci), surprised us by flaring in the soft X-rays a second time...now over 2 months after its optical peak. We are getting higher cadence Swift imaging to determine the relationship between the structure of the UV/optical declining light curve and the rapid (< 5 days) flaring episodes in the soft X-rays. ”

The papers corner:

The 2018fif paper is now on the [arxiv](#) and has been submitted to ApJ.

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 soon as they are published. They will be kept track of [here](#).

September 3-5: ZTF fall collaboration meeting, [registration closing soon](#)

A reminder that the discounted hotel block will expire on **August, the 2nd**, so please make your reservations if you are interested; see <https://dirac.astro.washington.edu/ztf-collaboration-meeting-2019>

Additionally please [register](#) at your earliest convenience:

Registration will close August 15.

The meeting website is [here](#); please visit it for travel and hotel information.

Please let Eric Bellm know if you have any questions.

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

"Breath the sweetness that hovers in August..." – Denise Levertov

Have a great and productive week!

Thomas and Maayane