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Newsletter #125, April 29th 2020

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News from working groups

Galactic and M31 Science: “We are slowly starting to obtain I-band references for the upcoming Galactic Plane survey.”

Solar System: “Two new discoveries, 2020 HW3 and [2020 HW6](#). For comets, with the good weather, the Partnership survey covered 65 comets 293 times from April 22 to 27 UTC. No outbursts were apparent.”

AGNs and TDEs: “We published an ATel ([#13655](#)) for our latest TDE and also obtained VLA observations for this source (no detection unfortunately). We have started using the new ZUDS tool to retrieve the flux of some of our older TDEs that got caught in the reference frame.”

Physics of supernovae and relativistic explosions: “Igor Andreoni presented his paper on the follow-up of the repeating and periodic FRB 180916.J0158+65. Serendipitously, the FRB was located in a high-cadence field of the Galactic Plane survey. The closest ZTF exposure to one of the FRB repetitions was obtained 706 seconds before a burst. Igor used the high cadence data to place constraints on the optical emission from FRBs. This work demonstrated that the cadence of current surveys can be sufficient to obtain constraints during the outburst of an FRB, but also without simultaneous radio observations.”

The papers corner:

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

"Man's greatest asset is the unsettled mind."

Isaac Asimov

Have a great and productive week!

Igor and Erik