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Newsletter #76, April 7th 2019

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News from working groups

Supernovae and relativistic explosions: "We have been busy with HST proposals, with at least 4 ZTF supernova-related proposals submitted by members of our working group. We also discussed a new flash-spectroscopy object, ZTF19aanpcep."

Solar System: "(1) Our NEO search suffers from the unstable weather -- but we managed to discovery two new NEOs, 2019 GA (found on Apr 1) and 2019 GE (found on Apr 2). 2019 GA is a rare, Aten-type NEO. Both passed harmlessly by the Earth. (2) We are glad to see the returning of the twilight survey and are hoping to find more Interior-to-Earth NEOs."

Galactic and M31 Science: "We are continuing our search for short period white-dwarf+white-dwarf binaries, and found another one in one of the Galactic high cadence fields (period=23 minutes). We are also slowly gearing up for this years Galactic Plane observations.

EM/GW and Neutrino Counterparts: "We have received a high-energy neutrino alert on Sunday, March 31 (https://gcn.gsfc.nasa.gov/notices_amon/15947448_132379.amon). More computing intensive refined reconstructions revealed that the initial direction was off. The new direction (<https://gcn.gsfc.nasa.gov/gcn3/24028.gcn3>) was in the South and too close to the Sun to be observed by ZTF. AGILE reported a gamma-ray excess in spatial coincidence with the neutrino position (<http://www.astronomerstelegam.org/?read=12623>), which was ruled out by Fermi-LAT with an upper limit 2 orders of magnitude below the claimed detection (<http://www.astronomerstelegam.org/?read=12624>).

PhD position at OKC:

PhD studentships are opening at OKC, [at the department of Physics](#) and [at the department of Astronomy](#), with possibilities to work on ZTF.

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

"If we had no winter the spring would not be so pleasant" (Anne Bradstreet)

Have a great and productive week!

Thomas and Maayane