

Newsletter #31, May 23rd 2018
#####

Help (still) needed with ZTF monitoring:

There have not been enough people subscribing for monitoring the telescope.

It is an important task with a high ratio of (learning)/(time spent) !

Please sign up at the Doodle: <https://doodle.com/poll/fticdw8zihkmr46a>

And see the instruction http://noir.caltech.edu/twiki_ptf/bin/view/ZTF/WatchingP48

For further discussions, there is now a Slack channel: #monitoring-ztf

IRSA archive downtime:

The IRSA archive will be down on May 30, 8:00 -- 12:00 PDT.

Reminder: MSIP alert usage:

We intend to start the public stream of alerts from MSIP programmed survey fields on June 4, Monday.

Prior to this date, MSIP alerts can be reviewed for QA purposes (verifying alert quality, tuning marshal filters, defining training sets for RB, etc.). If a MSIP alert is rated as scientifically interesting during this period (deserving of followup) then it needs to be made public via TNS or ATEL before any followup observations can be taken. The date on which the alerts will start will be confirmed as we get closer to this date. Once the stream goes public the partnership may use MSIP alerts without restriction.

Reminder: Please sign up to the next collaboration meeting:

We would like all of you who are planning to attend the meeting in August to sign up ASAP. Directions to near-by hotels have now been added to the registration page by the organisers:

<http://agenda.albanova.se/confRegistrantsDisplay.py/list?confid=6506>

News from working groups

Solar system: "Detected a new trailed NEA on May 18, Quan-Zhi has work with Chow-Choong for follow-up using Lulin telescope but not successful. As of today (May 24) no one has recovered it. This one is probably lost. Lynne, Mike, Frank and Quan-Zhi identified an issue with known asteroid labeling in the alert stream. Now working to resolve it."

SNe and relativistic explosions: "The Supernova and Relativistic Explosions group are planning our first round of early science results papers, with ZTF18aalrxas (a SN IIb with a nice double-peaked light curve) being one of our main candidates. We are, as always, searching for interesting transients, and spent some time this week trying to understand why ZTF did not pick up the new SLSN-I found by Gaia earlier (SN2018bgv / now ZTF18aavrmcg) -- the answer seems to lie in missing reference images.

Otherwise, next week Stockholm is hosting a [supernova conference](#), and we look forward to welcoming researchers from all over the world including some of our ZTF colleagues! "

Galactic/M31: “The Galactic group found their first very exciting Galactic transient. ZTF18aautxxk is a helium accretion AMCVn system at an orbital period of 46min. A week ago it went into outburst for the first time and brightened by 6mag over 2.5 days and faded quickly back to quiescence within another 2-3 days which is very unlikely. Now we are waiting if brightens again into a superoutburst phase“

Reminders:

- 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
- MSIP alert usage: we intend to start the public stream of alerts from MSIP programmed survey fields on June 4, Monday. Prior to this date, MSIP alerts can be reviewed for QA purposes (verifying alert quality, tuning marshal filters, defining training sets for RB, etc.). If a MSIP alert is rated as scientifically interesting during this period (deserving of followup) then it needs to be made public via TNS or ATEL before any followup observations can be taken. The date on which the alerts will start will be confirmed as we get closer to this date. Once the stream goes public the partnership may use MSIP alerts without restriction.

“Do not be angry with the rain. It simply does not know how to fall upwards” (Vladimir Nabokov)

Have a great and productive week!
Thomas and Maayane