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Newsletter #69, February 17th 2019

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**If the newsletter does not look good in your email, check the pdf [here!](#)**

### **Labeling RB in high-density fields:**

**The ML group is requesting assistance from those among you who are skilled in labelling alerts as real or bogus!** There is a real need for experts to work with alerts from high density regions. Even if your scientific interest is only extragalactic transients, this work benefits the whole project so please contact Ashish for details on how to help.

### **ZTF papers on the Twiki:**

As the number of ZTF publications starts to grow, it is important that there is a maintained up-to-date list of these and their status. **If you are a current lead author of a paper, please see if it is on the [papers page](#)** on the Wik and check that the status information is correct. If it is not on there, then please add it.

### **Partnership cadence:**

Starting February 15th, ZTF returned to its extragalactic high-cadence (nightly 3g+3r) and i-band surveys. The Science and Steering Committee has not yet made a formal allocation of the partnership observing time for Year 2, so we are executing these surveys as specified in Year 1 until that decision is finalized.

### **News from working groups**

**Solar System:** “We just finished a month survey for asteroid. The data is under download and wait for further analysis. For rotation period survey, we had two almost-complete runs: Jan 24-27 in field 785, 786, 787, 750, 751, 752 (~4.5 hr observation in 24,25,26, ~1 hr in 27) and Jan 28-31 in field 707, 663, 616, 567, 516, 367 (~4.5 hr observation in 28,29,31, ~0.5 hr in 30), and the observation during full moon: Jan 20, 22 and 24 (~4.5 hr observation and ~32 fields in each night).”

**Supernovae and relativistic explosions:** “The Supernova and Relativistic Explosions group are excited about the return of extragalactic fast cadence, and are ready to scan nightly for young transients as soon as the weather on Palomar improves. We have also been busy this week with the discovery of a fast-moving CSM shell around the superluminous supernova ZTF18acenqto in X-Shooter data (similar to iPTF16eh), and are preparing an HST DDT proposal for UV spectroscopy.”

**Multimessenger:** “We have submitted proposal to ask for follow-up time of GW, short GRBs and neutrino events with the 48-inch telescope. A large and long term Gemini proposal was submitted covering all of ZTF science and including international partners from Canada, Chile and South Korea. The group is busy preparing for the start of O3.”

**The papers corner:** Please remember to let us know if your paper was submitted/accepted. We will let the collaboration know here. Below are the papers from the press release now on the arxiv!

### **Reminder: March collaboration meeting in Israel:**

1. A preliminary program is now available [here](#).

As you can see, there are still available slots, so **please do send us additional proposed contributions in the coming days**.

(We're missing e.g. updates/reviews from some of the WGs, additional interesting science results, possible sessions for Fri, etc...)

2. Depending on your expression of will and travel plans, we thought to propose an **additional tour to Jerusalem** (~45 min drive from Rehovot) on Fri Mar 15th, leaving Rehovot around noon (see program).

The plan is to stop at a few interesting spots in Jerusalem, including some nice view points, the old city and some parts of the city centre/markets, as much as time allows.

If you were thinking to book a night or spend the weekend in Jerusalem that's a good opportunity for you to just remain in Jerusalem.

Our minibus/van will anyhow return to Weizmann in Rehovot towards evening.

**Please contact the organizing team ([ofer.yaron@weizmann.ac.il](mailto:ofer.yaron@weizmann.ac.il)) if you're interested in such an organized visit to Jerusalem, so we will know if to try and arrange this or not.**

### **Reminder: IMPORTANT: We (still) need your help for the ZTF FAQs page! (and would love to remove this item from the newsletter)**

During several weeks, we have listed the questions that people across the collaboration would like to have in the [FAQs](#) page. Now it is time to add answers. Please help us fill the voids (and elaborate on the answers already there).

### **More reminders:**

- Public Alerts: 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](mailto: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)

*"I had always seen myself as a star; I wanted to be a galaxy"* (Twyla Tharp)

Have a great and productive week!

Thomas and Maayane