

Newsletter #11, 4th of January 2018

(First Newsletter of 2018!)

Last news from the front (Engineering and Data Quality status):

We ran successfully over the holidays and experiments are continuing.

News from working groups

• **Physics of Supernovae and Relativistic Explosions:**

Some of our working group members have been attending (or lecturing at) the winter school on the Physics of Astronomical Transients in Jerusalem over the past few weeks, while most of us have been enjoying the holidays. We would like to remind everyone that the deadline for the open PhD and postdoc positions at Stockholm University is approaching (January 15); please share with any candidates who might be interested. As usual, our telecons are Wednesdays at 10am PST - please see our twiki page for call-in information, minutes and more.

Job links:

<http://www.su.se/english/about/working-at-su/jobs?rmlang=UK&rmpage=job&rmjob=4296>

<http://www.su.se/english/about/working-at-su/jobs?rmlang=UK&rmpage=job&rmjob=4355>

- **Cosmology with SNe:** We have compiled a first suggestion for the i-band survey fields, to be incorporated in future simulations.
- **Solar system bodies: The group is working of training the machine learning classification model that will be used to find streaking asteroids in ZTF data.**
- **Machine Learning group and zooniverse:**
 - The ML group continues to collect real-bogus classifications from volunteers. You can contribute at: <https://www.zooniverse.org/projects/rswcit/ztf-rb-project> We have started looking at bogus and skipped objects to understand them better. Models are being built on current set of classifications and will be incorporated in to the real-time pipeline shortly.
 - Weekly telecon: In order to determine a time that also suits the European ZTF members, we are seeking a new time. Please let your choice be known at the following Doodle poll: <https://doodle.com/poll/kdd29p9vcmtkv2c8>
 - Questions, comments: contact Ashish Mahabal (aam@astro.caltech.edu)

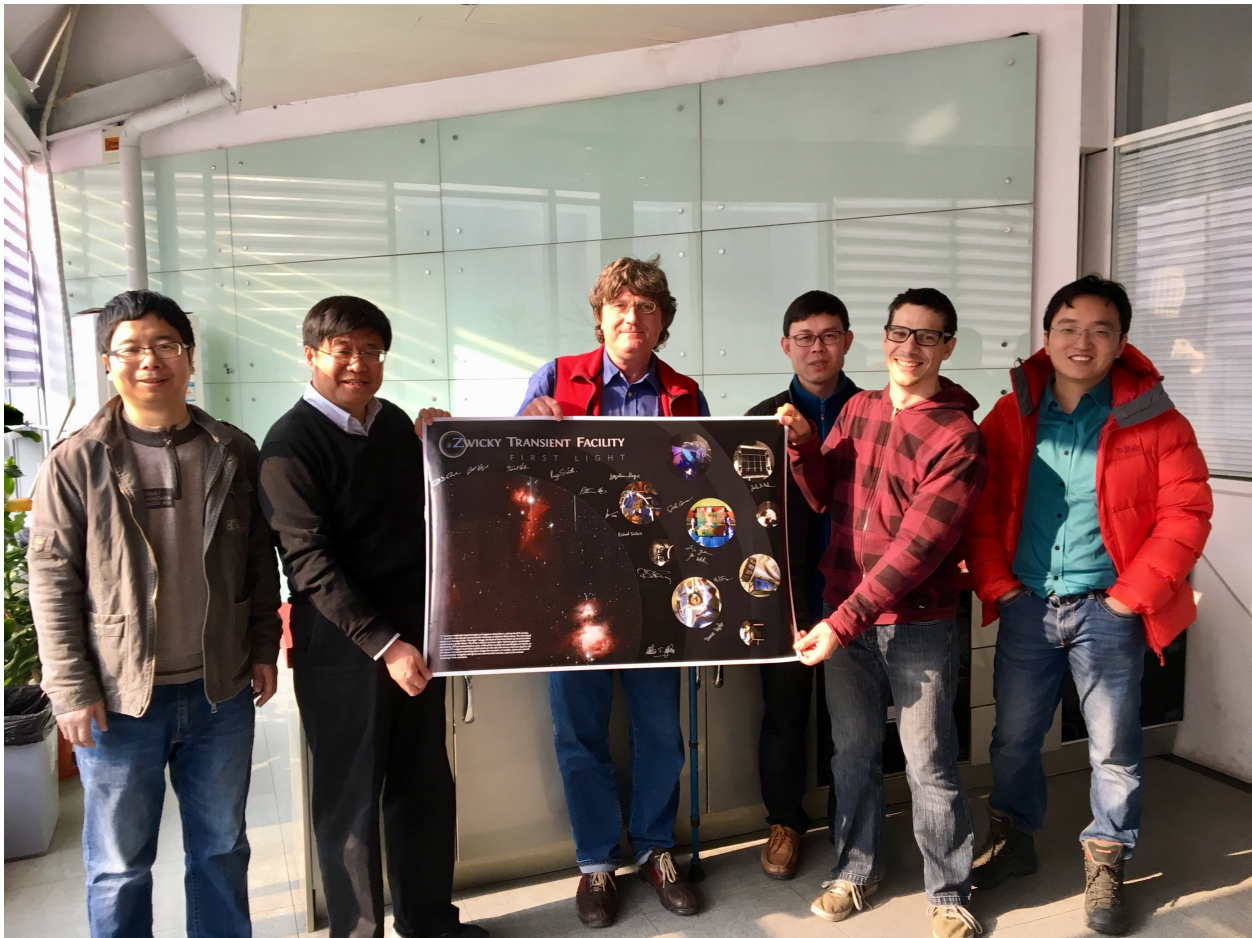
Reminders:

- Science validation now with difference imaging! (see previous newsletters)
- Archive GUI now ready! The interactive image search, filtering and visualization tool is now ready (see previous newsletters).
- 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 to the wiki page: please email us at [ZTF.communication.coordinators@gmail.com](mailto:ZTF.communication coordinators@gmail.com)

"I think in terms of the day's resolutions, not the years's" (Henry Moore)

Have a great and productive week!
Thomas and Maayane



"Thomas Kupfer visited National Astronomical observatory in Beijing and handed over a poster of the first light image as a gift for their fantastic work on the trim plate"