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Newsletter #12, 12th of January 2018  
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**Last news from the front (Engineering and Data Quality status):**

The cryostat is returning to campus next week to address contamination, reshimming of the CCDs, and other minor issues. The robotic filter exchanger will be installed on the mountain over the same period. It is hoped that observing will start again Jan 29. Obviously this means a slight delay to the start of survey operations, particularly as observing will still be in a single filter per night mode for a couple of weeks thereafter. The priority will be building up a new set of reference images. There is, however, plenty of commissioning data already in hand in the archive and we strongly encourage everyone to look at this. The I-band filter is expected arrive around Feb 1.

**News from working groups**

- **Physics of Supernovae and Relativistic Explosions:** It's been a quiet week for the SN and Relativistic Explosions working group, with many members away presenting at AAS. We anticipate things will get busy very soon, with the first candidates from the image subtraction pipeline coming in! Also, we welcome new group member Leonardo Tartaglia, who has just joined the supernova group in Stockholm as a postdoc.
- **Cosmology with SNe:** The most relevant topic probably concerns the continued discussion of field selection for the I-band survey, and how to prioritize between (low) galactic extinction, cadence and coverage. Uli presented sample surveys based on his updated code. Ashish joined us for a telecon to discuss ML topics, and gave us a quick AAS update. Would be nice with some more of that from other collaboration members in the newsletter!
- **AGNs and TDEs:** The ZTFbh SWG will have their telecon next Wednesday at 2:30pm Eastern. We will have presentations from the ML group and the AMPEL group.
- **Machine Learning group and zooniverse:** At AAS we should continue to meet in whatever subgroups that we can. On Thursday four ZTF posters will be on display including one on ML. Also, we will soon have a new set of images (more recent) on the zooniverse interface. Your help will be greatly appreciated in separating out the bogus ones. We will select some of the "real" candidates for follow-up spectroscopy. Keep an eye on for more information very soon.

**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 went back to work because someone had to pay for the groceries"* (Bette Davis)

Have a great and productive week!  
Thomas and Maayane