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Newsletter #120, March 18th 2020

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**News from the front: ZTF engineering access restrictions (Richard Dekany):**

Following recent directives issued by the COO Director in support of Caltech institutional policies regarding the COVID-19 outbreak, access to Palomar Observatory by non-Palomar staff has been restricted. Although a recent intervention to address a ZTF shutter system fault appears to have been successful, should ZTF hardware encounter any new fault conditions, engineering response may be limited. Though the situation remains fluid, campus engineers will continue to work with on-site staff to support ZTF remotely should any technical issues arise.

**The Spring 2020 ZTF partnership meeting (Jakob Nordin):**

Schedule and connection information for next week's virtual discussion sessions can now be found at the [meeting page](#). We try to provide quick updates at the # berlin2020 channel in the ZTF general slack.

Also note that the [real-time multi-messenger science workshop](#) next week will follow a similar format with two virtual sessions each day. Information for this event will be uploaded [here](#).

**News from working groups**

**Physics of supernovae and relativistic explosions:** “Last week, Kishalay presented his work on Ca-rich transients that were discovered by the CLU experiment. He systematically studied these transients from very young to very late times. This allowed him to identify sub-groups. While his sample has a comparable size to Ca-rich transient previously reported in the literature, his sample is homogeneous, which is vital to obtain genuine ensemble properties.”

**Multi-messenger:** “A distant ‘mass gap’ event was recorded in GWs on March 16th, labelled S200316bj. Follow-up with ZTF was not performed due to poor weather at Palomar.”

**The papers corner:**

Please keep us updated about your submitted/published papers, they will be advertised here.

Please send Joy Painter, the Astronomy Librarian at Caltech, links to papers as soon as they are published. They will be kept track of [here](#).

### **Reminders:**

- PublicAlerts: There is a [link](#) to the alerts archive on the [website](#)!
- Please help us keep 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)

*"The vast distances that separate the stars are providential. Beings and worlds are quarantined from one another. The quarantine is lifted only for those with sufficient self-knowledge and judgment to have safely traveled from star to star."*

Carl Sagan

Have a great and productive week, and stay healthy!  
Igor and Erik