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Newsletter #123, April 16th 2020

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News from working groups

Galactic and M31 Science: “The Galactic Plane is slowly becoming observable again, and we are busy preparing the I-band Galactic Plane survey. Some in the working group are busy analyzing last winter’s data from the latest matchfiles.”

Cosmology with SNe Ia: “We’ve been working on building g,r,i lightcurves using customised reference building using the ZUDS pipeline for the each SN/field combination and are halfway through the RCF year 1 sample. In addition, we are working on building a parallel pipeline that uses ZOGY for image subtraction so we can compare the photometry from both routes.”

Machine Learning: “The ML group continues to concentrate on the ZTF Variability project. In addition we are starting to look at SEDM classifications, especially of the possibility of quickly separating SN Ia from the remaining types. Data scoping is currently in progress. If you have ML related ideas or want to contribute to one of the projects (e.g. the ZTF focus model), please contact Ashish Mahabal (aam at astro.caltech.edu).”

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
- **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

“King Arthur: Right. One... two... five.

Galahad: Three, sir.

King Arthur: Three.”

Graham Chapman (Monty Python and the Holy Grail)

Have a great and productive week!

Igor and Erik