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Newsletter #164 April 14th 2021

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

**First issue of Cosmic Newsflash, the external ZTF newsletter (Ivona Kostadinova):**

The first issue of Cosmic Newsflash, our ZTF newsletter for the time-domain astronomy community is out! See [here](#) for the email version, and [here](#) for the web version. Anyone can sign up [here](#), share the news!

**News from working groups**

**Solar System:**

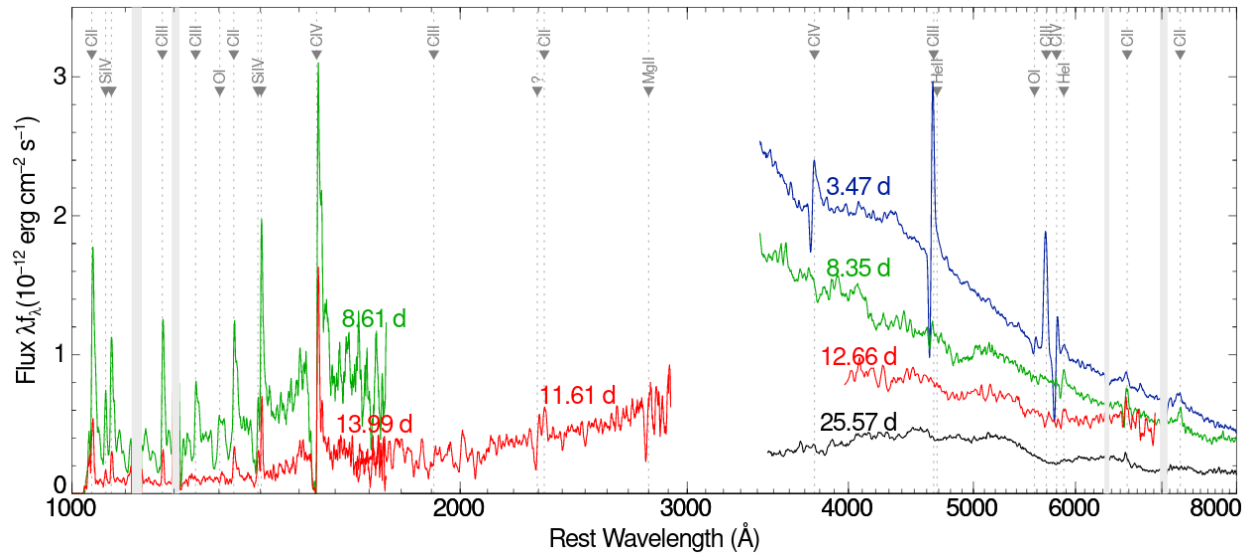
“This week, we discovered 6 new NEOs with the ZStreak pipeline: [ZTF0Kq8](#), [ZTF0Kpx](#), [ZTF0Kpr](#), [ZTF0Ktr](#), [ZTF0Kpl](#), [ZTF0Ksh](#). A lot of the contribution to this bumper crop of ZStreak NEOs is due to the help of our new master's student scanning volunteers, Yu-Li Cheng at the National Central University and Scarlett Royle at Liverpool University.”

**Cosmology with SNe Ia:**

“For this week's SNIa cosmology group meeting (Wednesday April 14th, 15:00 CET) we will hear Julian talk about how to simulate and constrain the growth rate of structure ( $f\sigma_8$ ) using SNe Ia. Mickael will talk about the next-next big thing on the agenda; DR2!”

**Physics of supernovae and relativistic explosions:**

“Daniel Perley presented his paper draft about the Icn SN2021csp: In addition to being the second detected Type Icn SN (an explosion within a carbon-rich circumstellar medium), it is also special because it rises very quickly like an FBOT and later develops spectra that look like SN Ic-broadline, the Type of SNe that accompany GRBs. Seeing all these properties in a single transient implies that these classes are more closely related than previously thought. Daniel is planning to publish the paper quickly together with Avishay's paper on SN2019hgp, the first detected SN Icn.



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### 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 communication coordinator Ivona Kostadinova: [ivonata@astro.caltech.edu](mailto:ivonata@astro.caltech.edu)
- 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://zwickify.tf/shorten> (username: ztf password: 16chips) and type in the URL you want shortened.
- The **Wiki page** is active! Check it out at <http://zwickify.tf/wiki>. To request access, please email Ivona Kostadinova at [ivonata@astro.caltech.edu](mailto:ivonata@astro.caltech.edu)

*“It is vital to remember that information - in the sense of raw data - is not knowledge, that knowledge is not wisdom, and that wisdom is not foresight. But information is the first essential step to all of these.”*

*- Arthur C. Clarke*

Have a good and productive week!

Erik and Igor