



Scientific Organisation

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The present status

Presently:

- Weekly meeting (Tuesday): status of the latest observations and proposed/ongoing publications.
- Since September, once a month, invitation of a scientist to address a specific topic (managed by Noémie).

After almost a year of operation, it is important to draw few conclusions. In particular:

- We do not have enough room to discuss science, even though this should remain our main motivation.
- We do not have an adequate follow-up of the publications, and the same is true for data monitoring.



What do we have in catalog?

Reminder, automatic dashboard: https://www.colibri-obs.org/wp-content/uploads/2024/01/observation-data/data_alerts.html

Tableau 1

blknm	date	prid	obs	alid	alnm	prpnm
SVOM 251111.215	20251112	1000	Alert	20251111051015	SVOM 251111.215	alerts
GRB 251013C	20251014	1000	Alert	20251013173943	GRB 251013C	alerts
GRB 251106A	20251107	1000	Alert	20251106195621	GRB 251106A	alerts
GRB 251103A	20251103	1000	Alert	20251103044628	GRB 251103A	alerts
GRB 251104A	20251105	1000	Alert	20251104173058	GRB 251104A	alerts
EP251102a	20251105	1000	Alert	20251102212222	EP251102a	alerts
EP251102.890	20251104	1000	Alert	20251102212222	EP251102.890	alerts
sb25110301	20251103	1000	Alert	20251103044628	sb25110301	alerts
GRB 251025B	20251026	1000	Alert	20251025142400	GRB 251025B	alerts
EP	20251103	1000	Alert	20251102212222	EP	alerts
EP 251029.280	20251029	1000	Alert	20251029064317	EP 251029.280	alerts
GRB 251022A	20251023	1000	Alert	20251022223415	GRB 251022A	alerts
SVOM 251027.401	20251027	1000	Alert	20251027093756	SVOM 251027.401	alerts
EP 251027.145	20251027	1000	Alert	20251027032852	EP 251027.145	alerts
SVOM 251026.351	20251026	1000	Alert	20251026082646	SVOM 251026.351	alerts
GRB 251017A	20251018	1000	Alert	20251017084044	GRB 251017A	alerts
SVOM 251025.397	20251025	1000	Alert	20251025093238	SVOM 251025.397	alerts
EP251023a	20251024	1000	Alert	20251023023109	EP251023a	alerts
GRB 251023B	20251024	1000	Alert	20251023084847	GRB 251023B	alerts
EP 251023.104	20251023	1000	Alert	20251023023109	EP 251023.104	alerts
EP 251023.367	20251023	1000	Alert	20251023084847	EP 251023.367	alerts
GRB 251013D	20251014	1000	Alert	20251013181700	GRB 251013D	alerts
CHIME J1634+44	20251006	1000	Alert	20221031000000	CHIME J1634+44	alerts
Swift 251017.361 (grb)	20251017	1000	Alert	20251017084044	Swift 251017.361 (grb)	alerts

GRB 251014A	20251014	1000	Alert	20251014002830	GRB 251014A	alerts
GRB 251007A	20251009	1000	Alert	20251007193658	GRB 251007A	alerts
GRB 251007B	20251008	1000	Alert	20251007194306	GRB 251007B	alerts
GRB 251001B	20251002	1000	Alert	20251001141719	GRB 251001B	alerts
GRB 251006B	20251007	1000	Alert	20251006200504	GRB 251006B	alerts
GRB 251005C	20251006	1000	Alert	20251005160653	GRB 251005C	alerts
AT2025ulz -- photometry in i/z	20250910	1000	Alert		AT2025ulz	alerts
GRB 251002A	20251003	1000	Alert	20251002201452	GRB 251002A	alerts
GRB 251003A	20251003	1000	Alert	20251003015830	GRB 251003A	alerts
GRB 250925A	20250926	1000	Alert	20250925170426	GRB 250925A	alerts
GRB 250924A	20250924	1000	Alert	20250924081829	GRB 250924A	alerts
SVOM GRB 20250925	20250925	1000	Alert	20250925080509	SVOM GRB 20250925	alerts
GRB 250920C	20250923	1000	Alert	20250920152517	GRB 250920C	alerts
SVOM 250915.078	20250915	1000	Alert	20250915013609	SVOM 250915.078	alerts
GRB 250912A	20250913	1000	Alert	20250912210623	GRB 250912A	alerts
EP250911a	20250911	1000	Alert	20250911085828	EP250911a	alerts
GRB 250911A	20250911	1000	Alert	20250911012746	GRB 250911A	alerts
SVOM 250910.166	20250910	1000	Alert	20250910031610	SVOM 250910.166	alerts
AT2025ulz	20250822	1000	Alert	20250818012006	AT2025ulz	alerts
EP 250909.386	20250909	1000	Alert	20250909091657	EP 250909.386	alerts

Just a snapshot



Use of the data

COLIBRI's strength clearly lies in the amount of time we can spend on an event (made possible by our availability and performance).

But are we making the most of all the data?

- We review the observations every week, but we hardly follow up on what we have over the long term.
- Need to be more systematic at this level (to be discussed during the organisation proposal).



A simple proposal

We propose to separate the operational aspects from the scientific discussions by establishing two weekly meetings (always on the same day and at the same time):

- Tuesday (TBC):
 - Status of the latest observations and planning for the coming week.
 - Status of data processing.
- Another day (TBD):
 - Discussion of the proposals (to be submitted on the Mattermost, at least one week before the meeting), discussion on the ongoing publications, presentation/discussion of the analysis tools (light curve generator, simulations, etc.), etc.
 - Once a month, a guest scientist will be invited to present on a specific topic.