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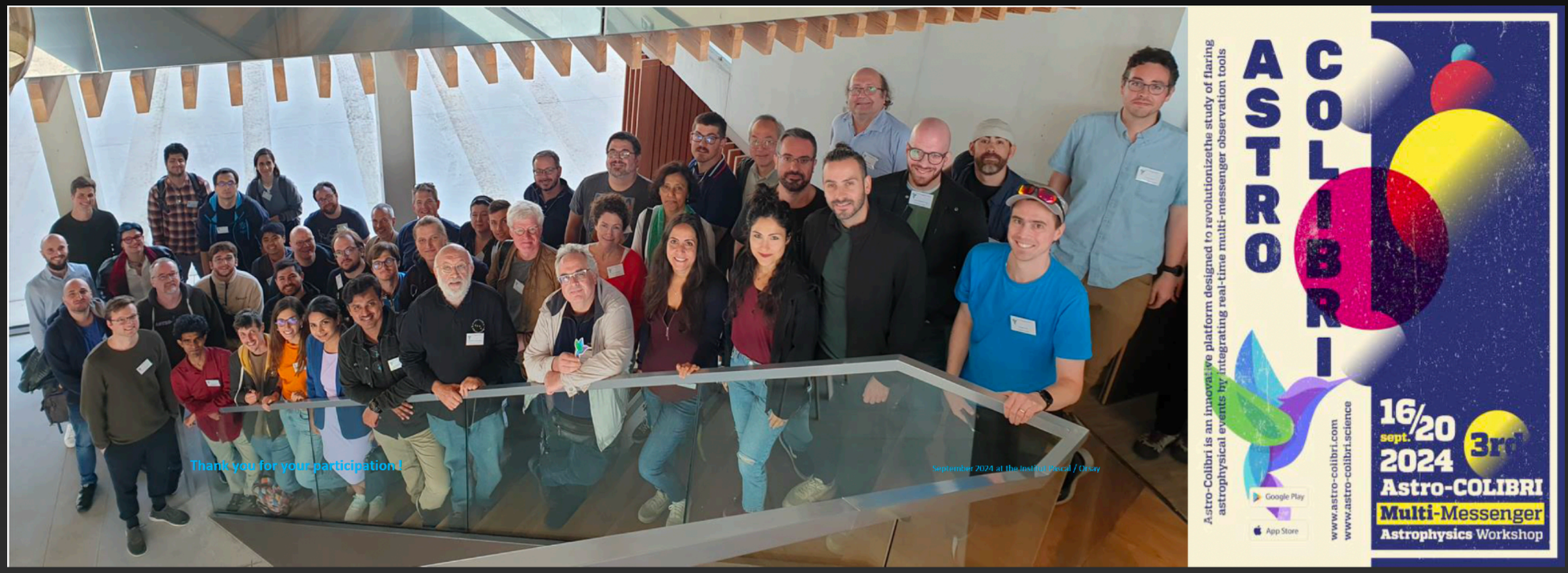
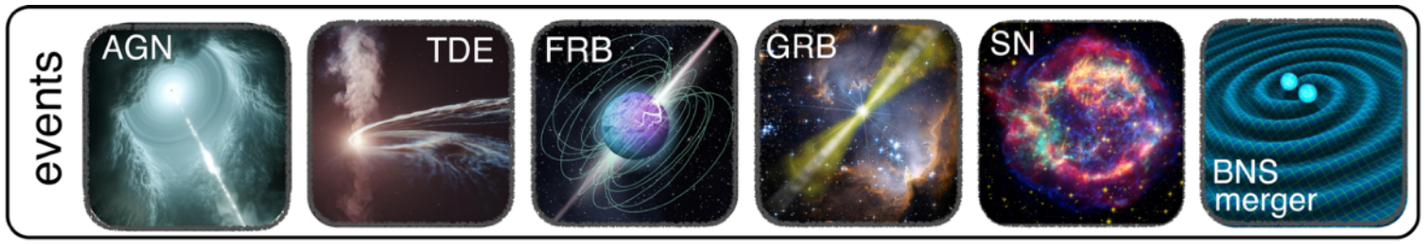
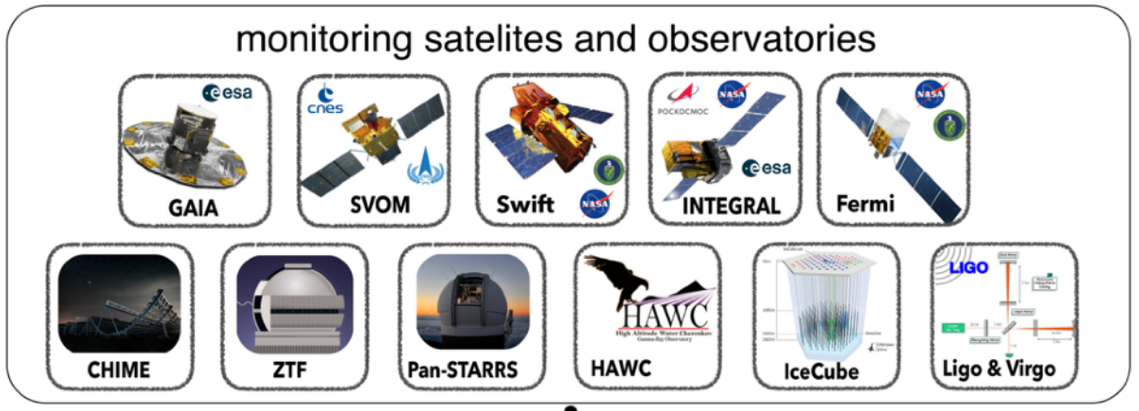


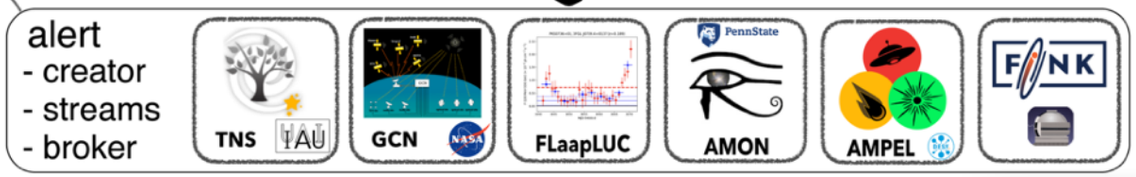
Fabian Schüssler (IRFU, CEA Paris-Saclay)

MOTS
AHEAD 2020
Funded by the Horizon 2020 Framework Programme of the European Union
Grant Agreement No. 871158
ACME



photons, GWs, ν, (CRs)





follow-up-observ.

The following new classification/s were reported on:

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group: ePESSTO+
2022dkw RA=14:35:50.295, DEC=+24:40:58.20, Classification=SN IIn, Redshift=0.036, Time received: 2022-03-23 18:56:17, Classi
group: ePESSTO+
2022dlf RA=13:24:06.914, DEC=-00:41:34.50, Classificatio
Source group: ePESSTO+
2022dsu RA=14:05:30.767, DEC=+15:43:15.52, Classificat
Source group: ePESSTO+
2022efq RA=16:4
group: ePESSTO+
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    <Param name="Trig_Index" valu
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Recurrent Nova M31N 2008-12a: Discovery of the 2024 eruption

ATel #16942; *Jingyuan Zhao (Xingming Observatory), A. W. Shafter, J. C. Horst, R. M. Quimby (SDSU), M. J. Darnley, M. W. Healy-Kalesh (LJMU), K. L. Page (U. Leicester), on behalf of the 12a Collaboration*

on 13 Dec 2024; 04:31 UT

GCN Circular 38568

Subject GRB 241209B: SVOM/VT optical continuous fading
Date 2024-12-14T06:11:47Z (4 hours ago)
From Chao Wu at NAOC <cwu@nao.cas.cn>
Via Web form

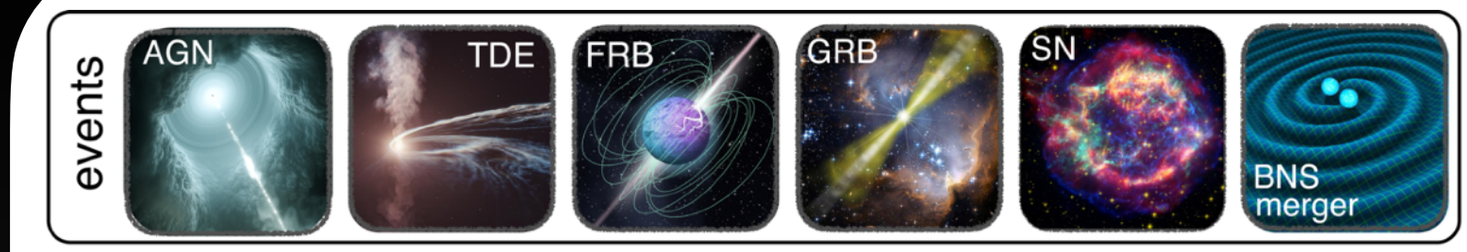
SVOM/VT commissioning team: Y. L. Qiu, H. L. Li, L. P. Xin, C. Wu, X. H. Han, J. Wang, W. J. Xie, H. B. Cai, Y. Xu, Y. J. Xiao, P. P. Zhang, J. S. Deng, L. Lan, X. M. Lu, R. S. Zhang, D. H. Zhao (NAOC), J. Zhang, L. J. Dan, G. Y. Zou, C. J. Wang, Y. F. Du, C. Huang (XIOPM), H. Zhou (PMO), C. Plasse (CEA)

SVOM JSWG: Jian-Yan Wei (NAOC), Bertrand Cordier (CEA), Shuang-Nan Zhang (IHEP), Stéphane Basa (LAM), Arnaud Claret (CEA), Zi-Gao Dai (USTC), Frédéric Daigne (IAP), Jin-Song Deng (NAOC), Olivier Godet (IRAP), Andrea Goldwurm (APC), Diego Götz (CEA), Xu-Hui Han (NAOC), Cyril Lachaud (APC), En-Wei Liang (GXU), Yu-Lei Qiu (NAOC), Susanna Vergani (Obs.Paris), Jing Wang (NAOC), Chao Wu (NAOC), Li-Ping Xin (NAOC), Shao-Lin Xiong (IHEP), Bing Zhang (UNLV)

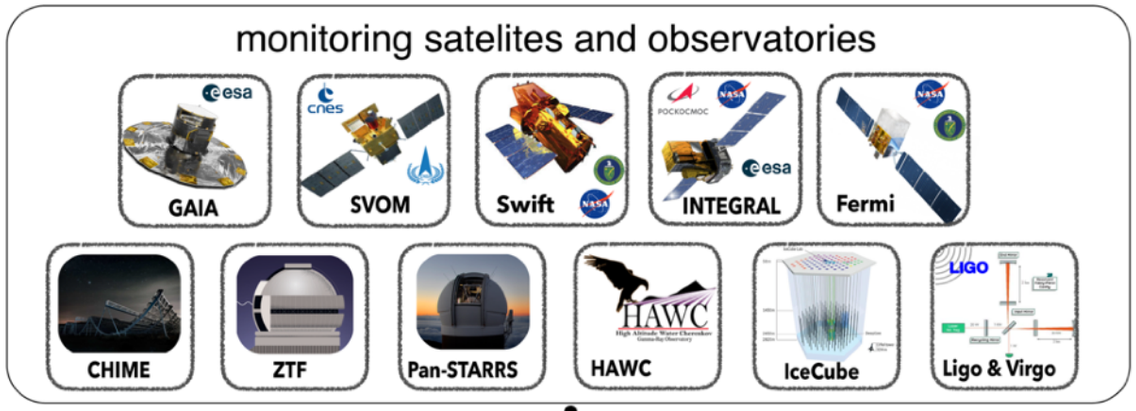
report on behalf of the SVOM team:

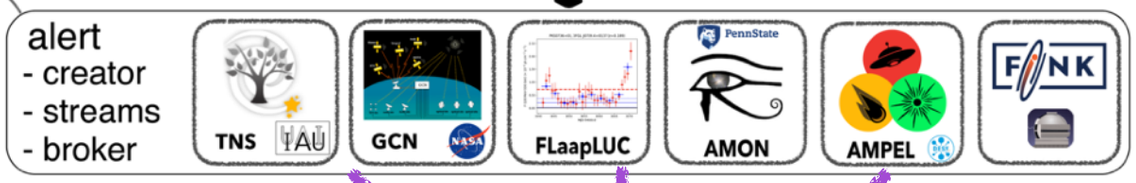
SVOM/VT revisited GRB 241209B (Xie et al., GCN 38478) since 2024-12-10T15:07:15 UT with a total exposure time of 8750 seconds. The optical counterpart (Qiu et al. GCN 38516) was continuously fading, reaching a magnitude of 23.70 +/-0.30 in VT_R. Nothing was seen down to limiting magnitude of 23.80 (3 sigma) in simultaneous channel VT_B.

The Space Variable Objects Monitor (SVOM) is a China-France joint mission led by the Chinese National Space Administration (CNSA, China), National Center for Space Studies (CNES, France) and the Chinese Academy of Sciences (CAS, China), which is dedicated to observing gamma-ray bursts and other transient phenomena in the energetic universe. VT was jointly developed by Xi'an Institute of Optics and Precision Mechanics (XIOPM), CAS and National astronomical observatories (NAOC),CAS.

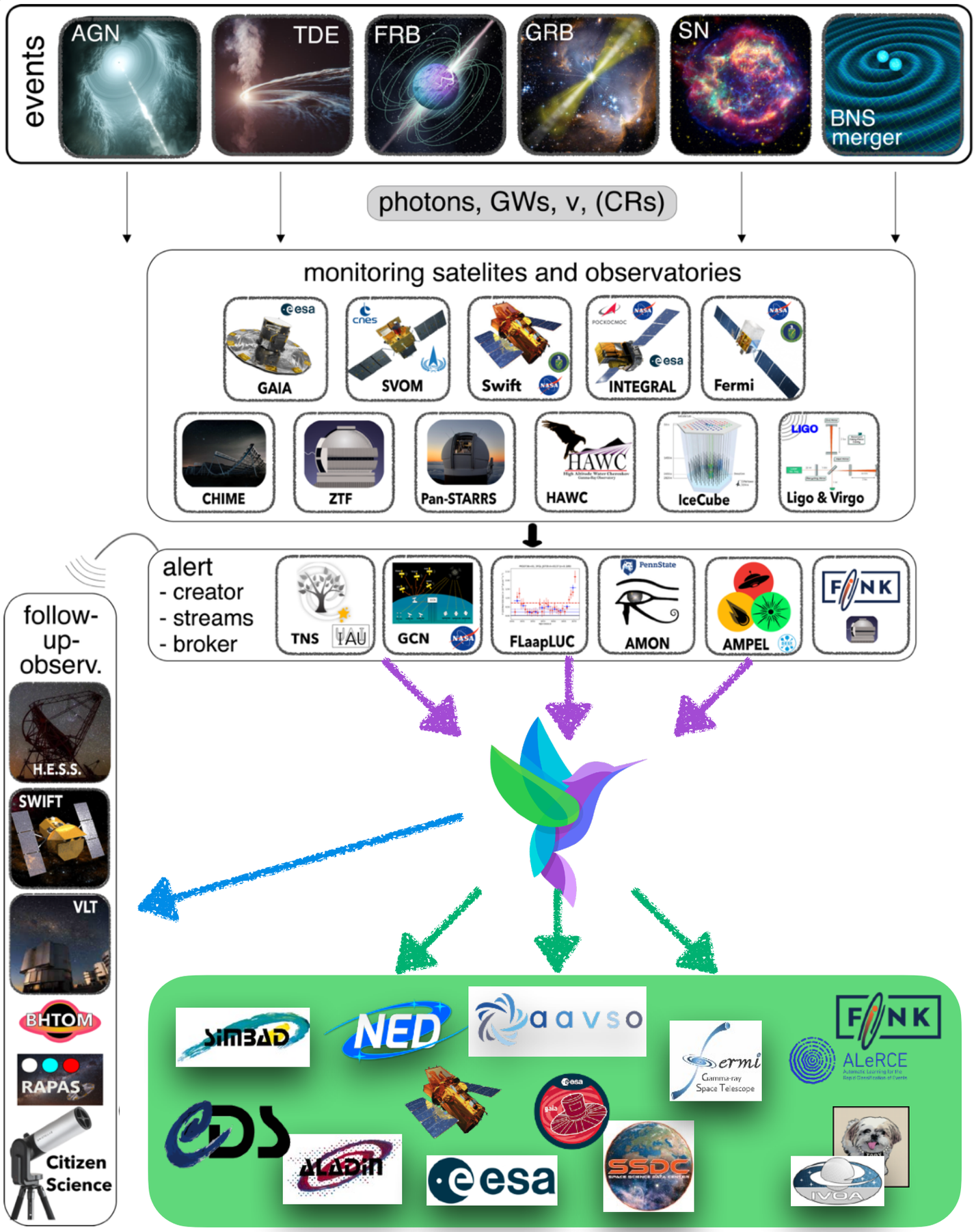


photons, GWs, ν, (CRs)





follow-up-observ.



Improve time domain astrophysics

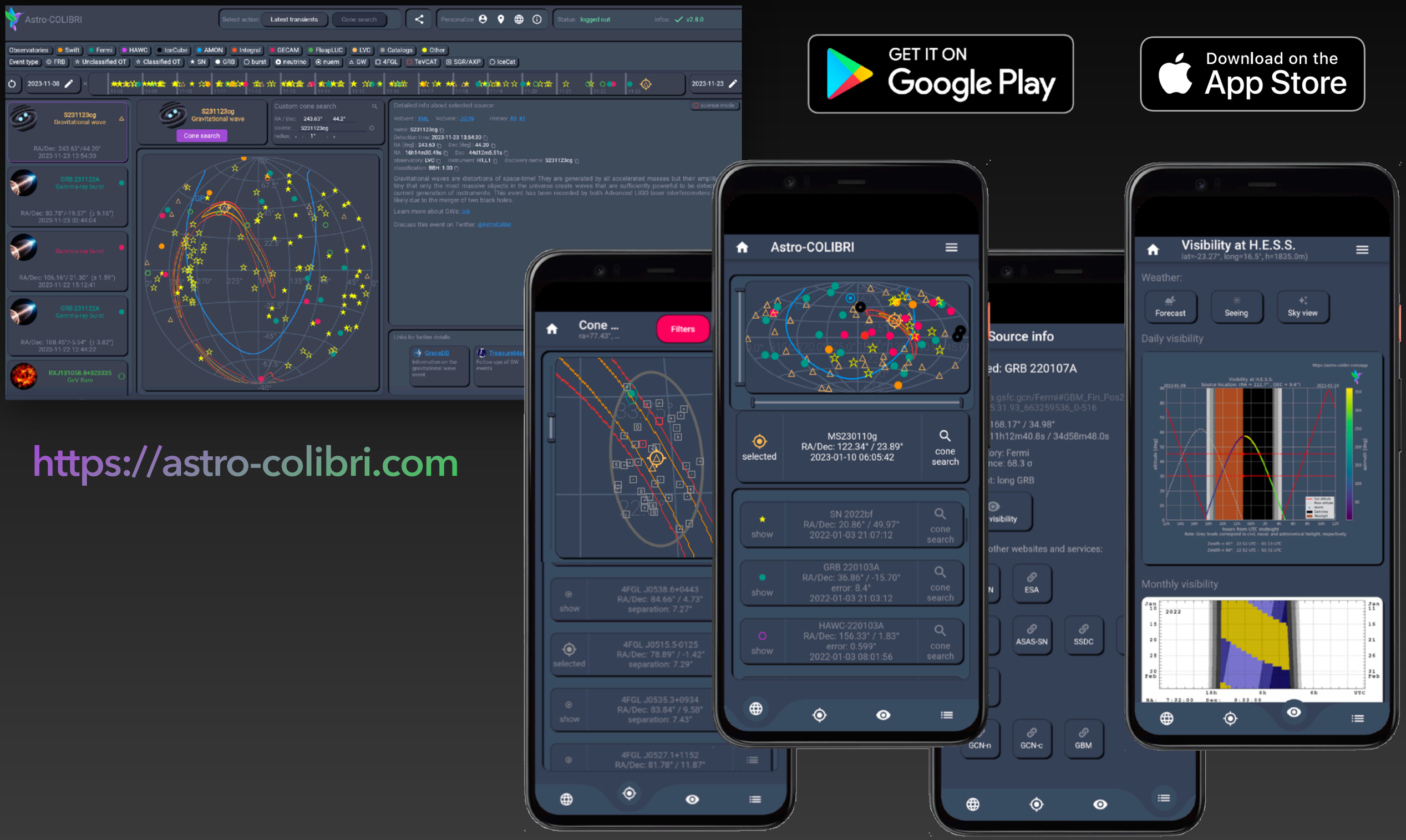
Summary of all alert channels

Open data

professional + amateur astronomers

Complement existing platforms

Interfaces graphiques



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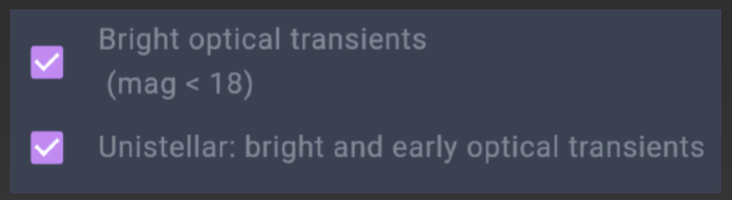
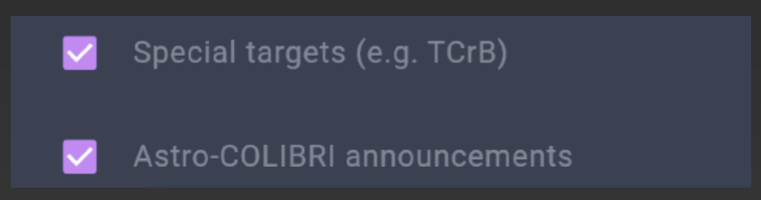
Real-time notifications





Notifications pour cibles RAPAS ?

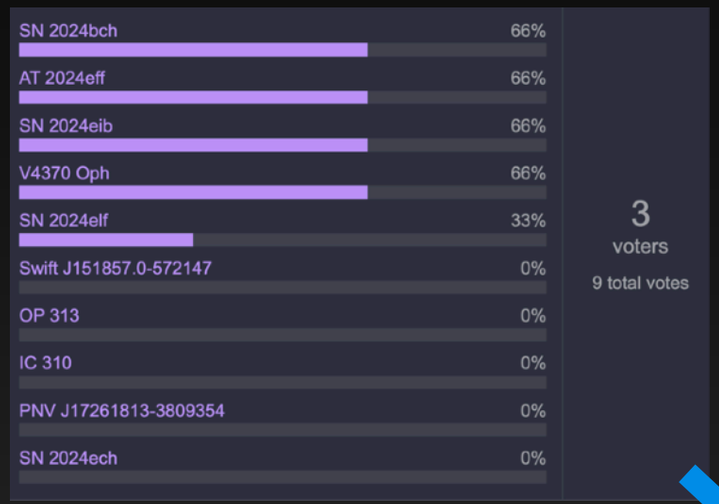
Intégration “smart home”

- Intégration avec les composants Philips HUE
- Notifications => alertes visuelles
- Définition de périodes “ne pas déranger”
- https://astro-colibri.science/smarthome

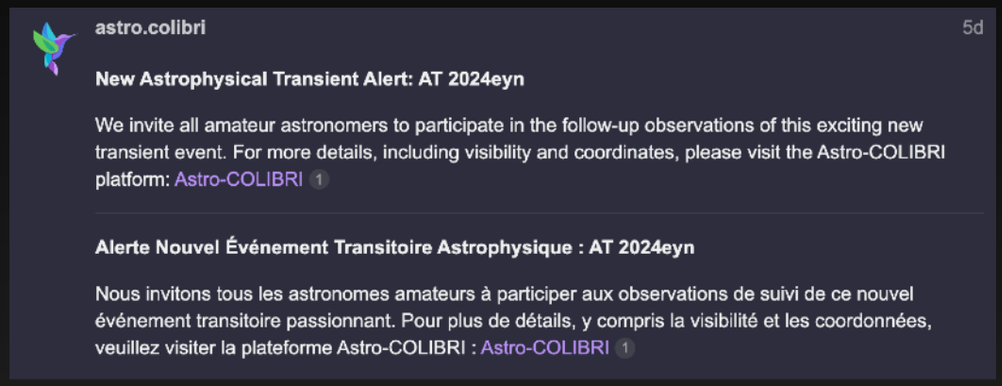
Liste d'évènements "phares"

https://forum.astro-colibri.science/c/rapas

Semaine N-1



Semaine N-1



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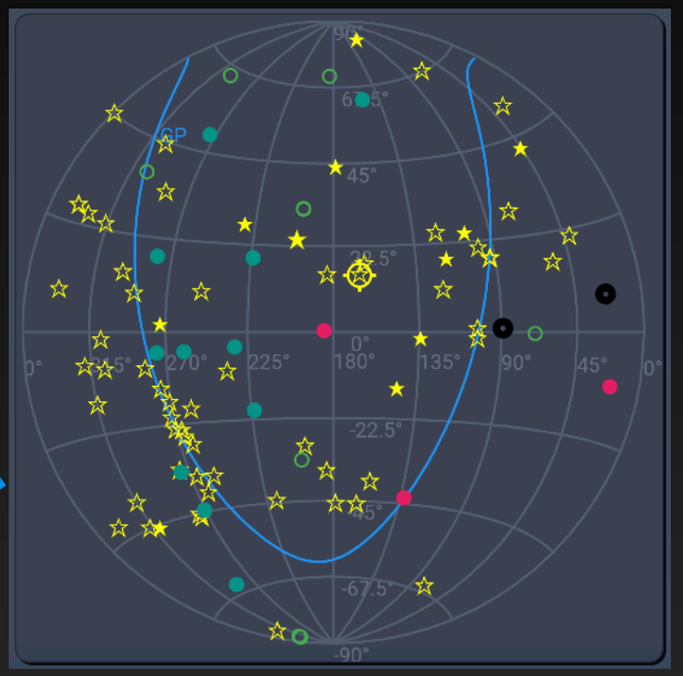
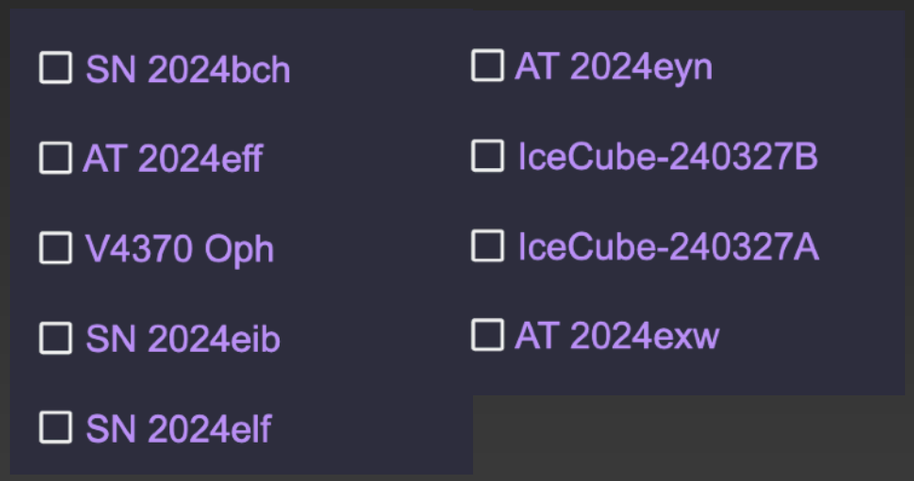


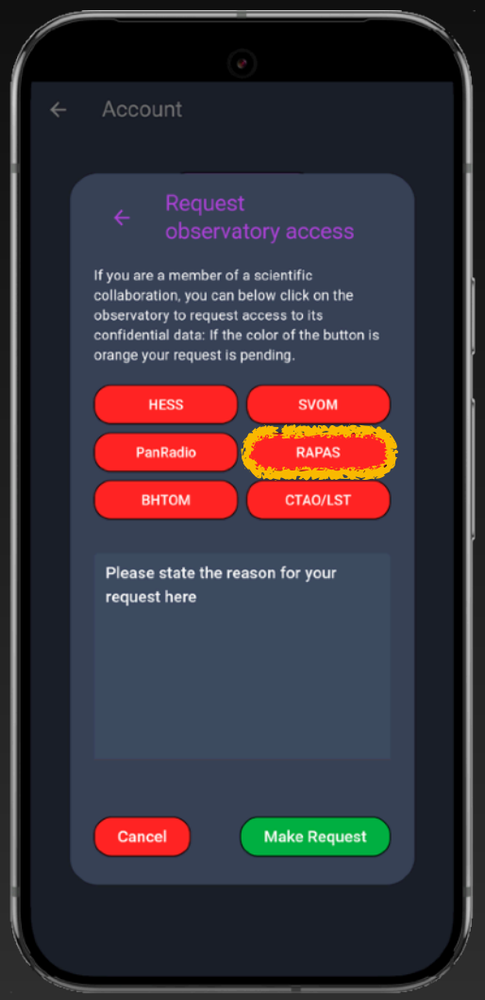
Une nouvelle liste
est crée le vendredi après-midi

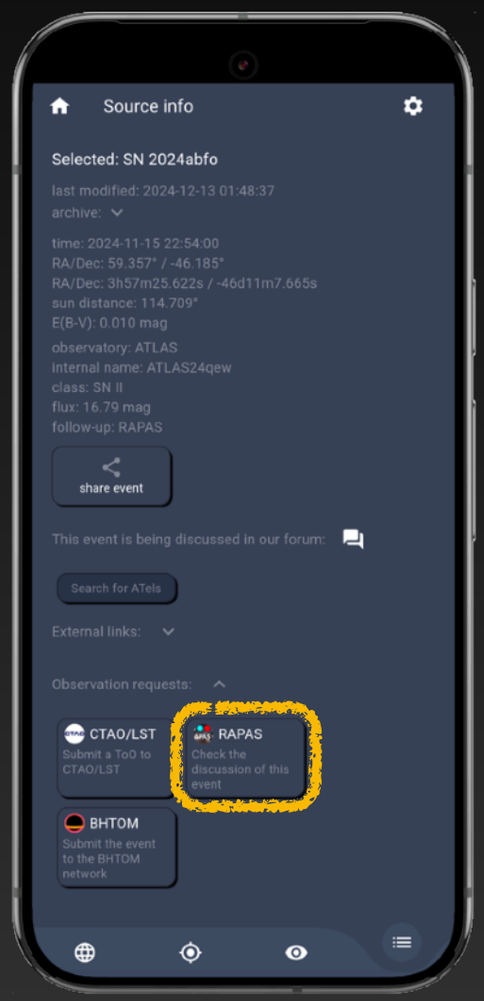
Semaine N



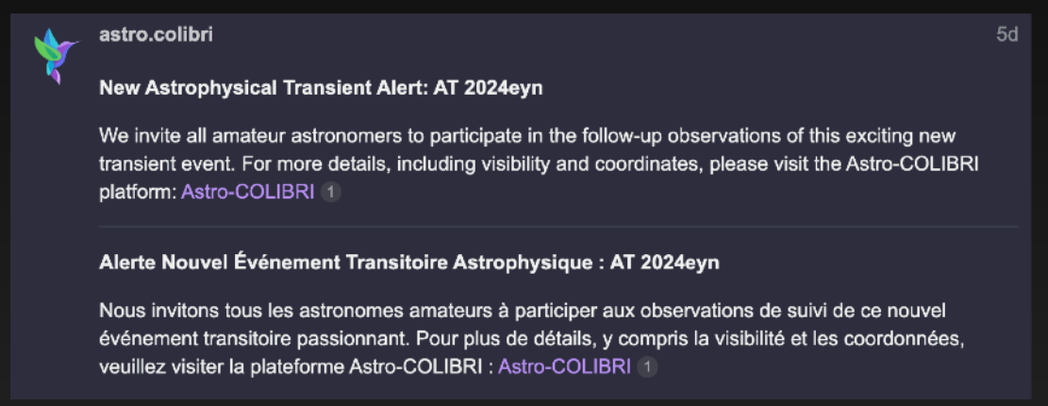
Envoi à RAPAS@groups.io

Soumission d'évènements





https://forum.astro-colibri.science/c/rapas



+

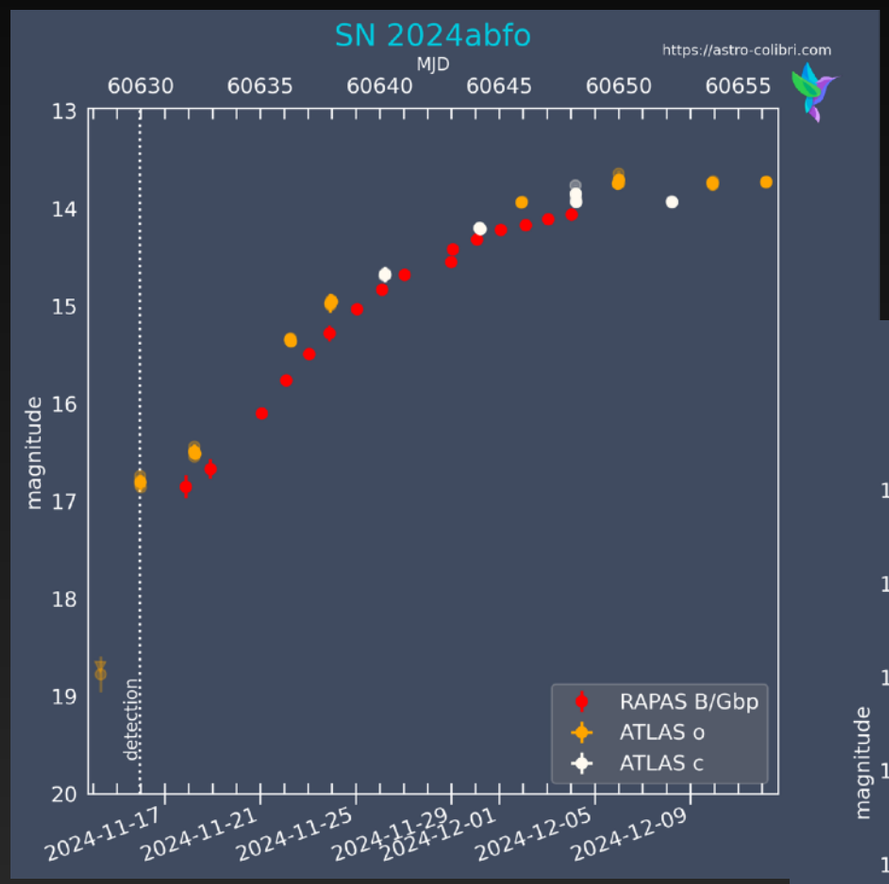
Envoi à RAPAS@groups.io

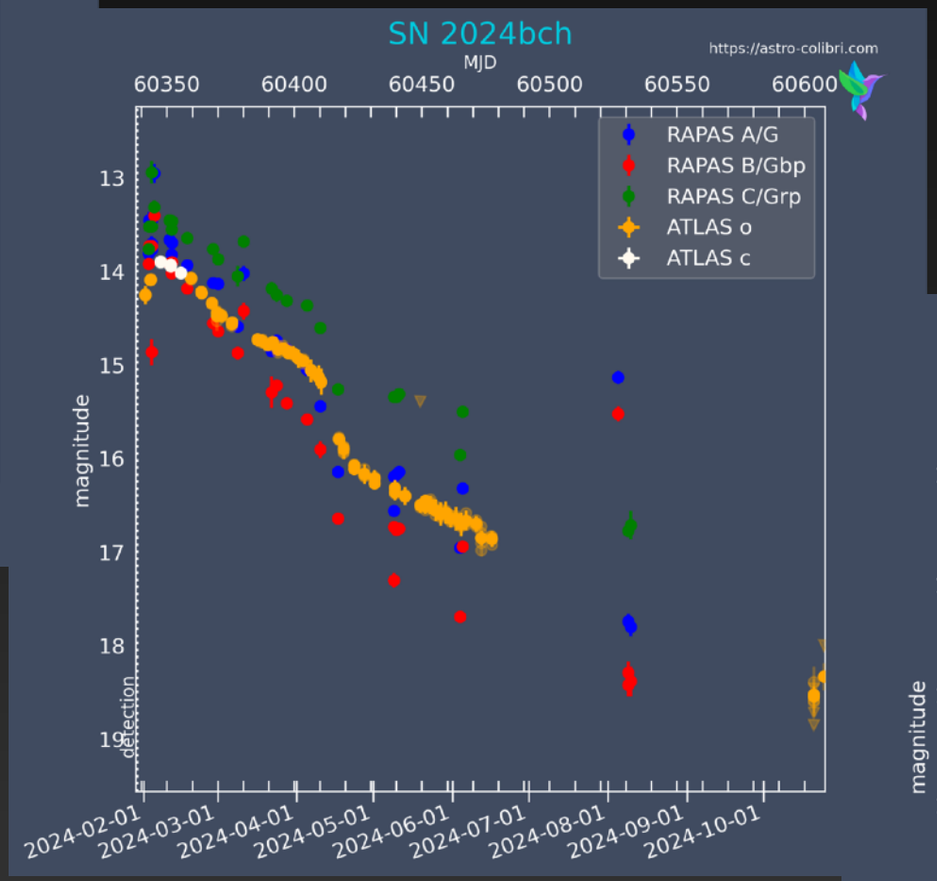
Tutoriel sur YouTube

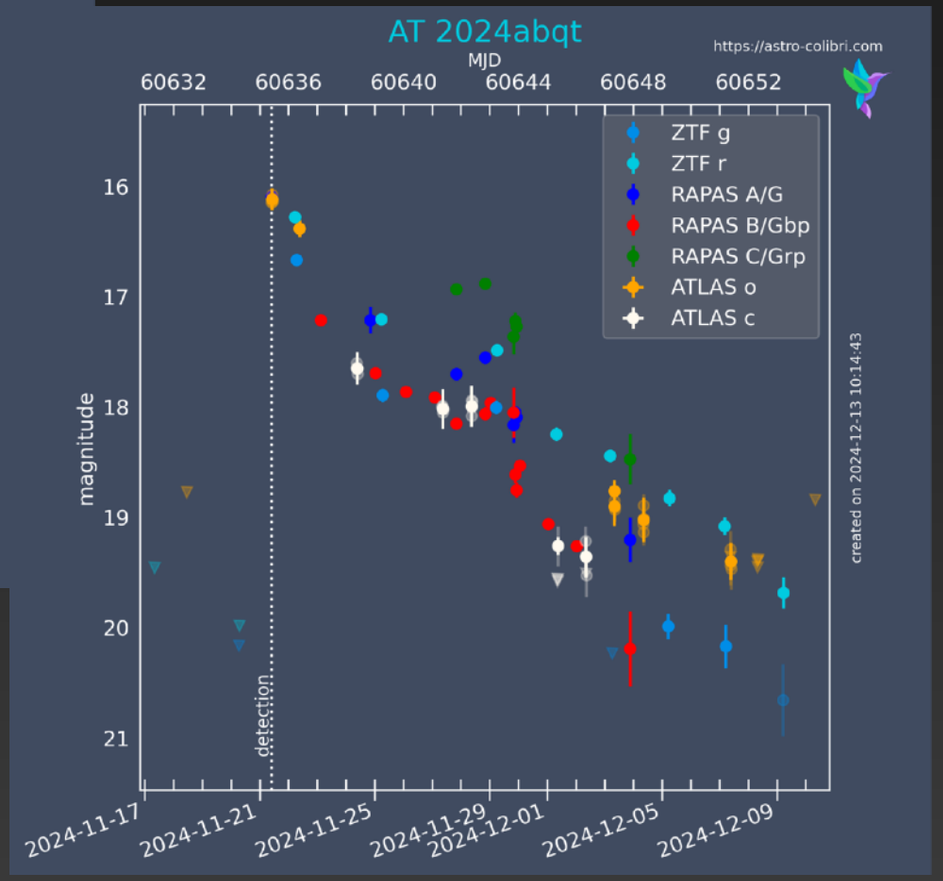
Courbes de lumières

- Données des grands relevés ATLAS, ZTF (via Fink) et ASAS-SN
- Mises à jour 2 x par jour
- Membres RAPAS: accès au Google Sheet
  - Courbes de lumières RAPAS

Courbes de lumières







Accessibilité publique ?

Communauté

Share “deep-links” to a selected event

Download selected event(s)

Discussion forum

API: https://astro-colibri.science

https://astro-colibri.com

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- Propositions d’améliorations ?
    - Notifications
    - Courbes de lumières
    - …
- Forum de discussion: https://forum.astro-colibri.science
    - Annonces des développeurs + discussions d’améliorations
    - Mise en avant d’événements interessantes
    - Forum de discussion RAPAS
    - …

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