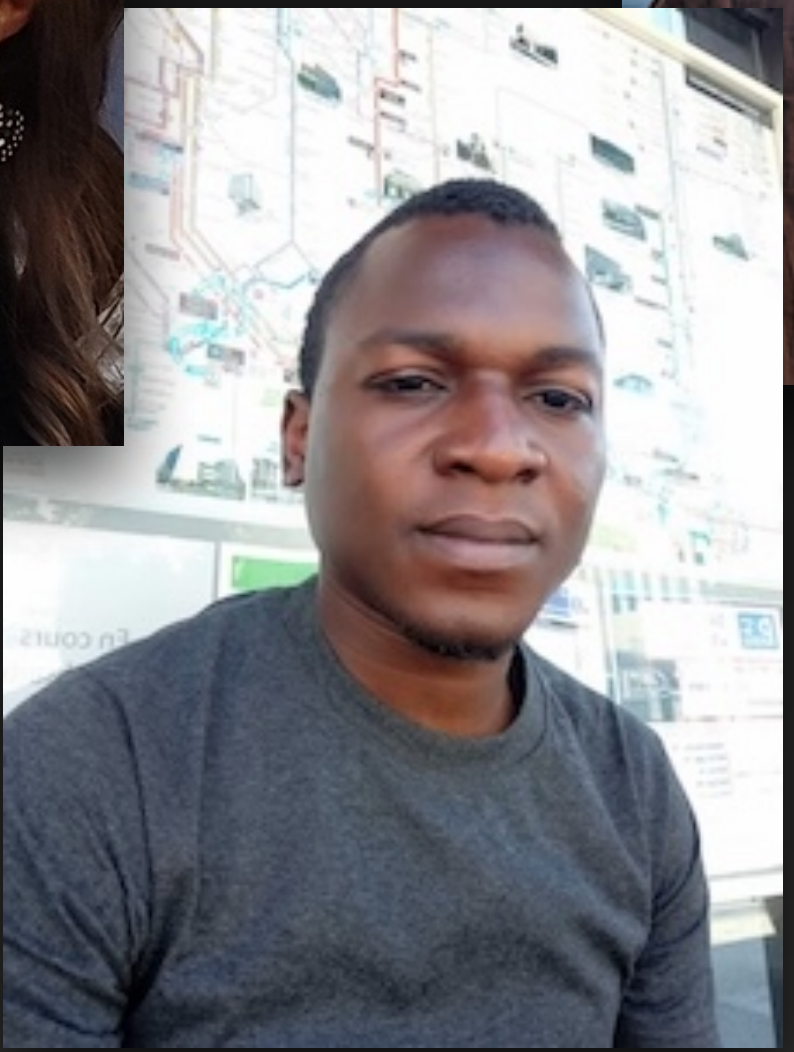
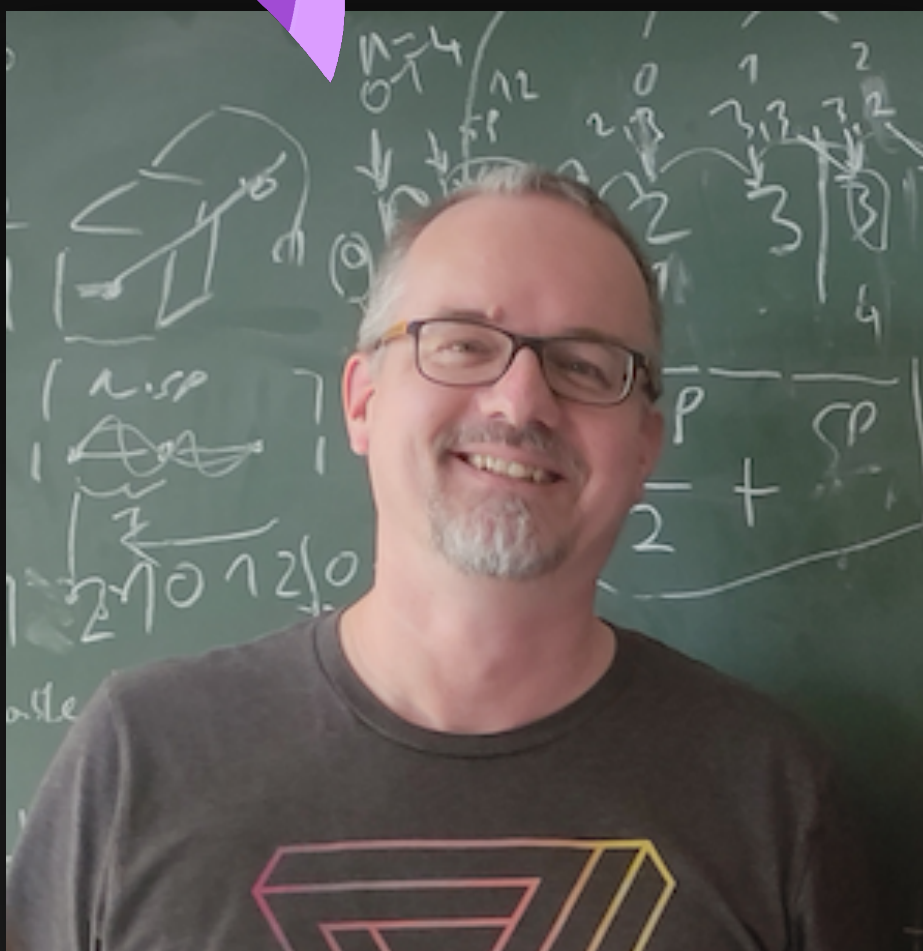




Astro-COLIBRI



+ many contributions from the community

Ilja Jaroschewski (IRFU, CEA Paris-Saclay)





Main Features



Non-Science Mode

Astro-COLIBRI interface showing a list of astronomical events, a central sky map, and detailed information for a selected event.

Navigation and Settings:

- Language:
- Search, Share, Chat icons
- Personalize:
- Science mode: (highlighted with a red box)
- Status: [logged out](#)
- Infos: v2.29.0

Event List (Left Panel):

- PNV J00424164+4115162** Optical transient
- EP-01709266307 Burst
- GRB 260601A Gamma-ray burst
- 3C138 GeV flare
- H1722+119 GeV flare
- TCP J00560713+4301406 Unclassified optical transient
- GRB 260531C Gamma-ray burst
- AT 2026nxf Unclassified optical transient
- StKM 1-1106

Selected Event Details (Top Center):

PNV J00424164+4115162 Optical transient

[Zoom](#)

Date [UTC]: 2026-06-02 00:41
Right ascension [deg]: 10.67
Declination [deg]: 41.25
observatory: Not known

Summary of the selected source:

An intriguing astrophysical event has been detected in the Andromeda constellation, associated with the source name PNV J00424164+4115162. This is classified as a possible nova (pvn), occurring in the well-known galaxy M31, also known as the Andromeda Galaxy. The event was observed with a transient brightness of 17.4 magnitude. The event took place on June 2, 2026, and was reported by the Central Bureau for Astronomical Telegrams (CBAT). This discovery adds to the rich tapestry of stellar phenomena observed in our neighboring galaxy.

The nova's position is marked at right ascension 10.67 degrees and declination 41.25 degrees. Despite its relatively close proximity in astronomical terms, at a sun distance of 52.58 degrees, it remains a faint and distant spectacle. The extinction due to interstellar dust, noted as 0.63, suggests some light dimming as it travels through space. Observations like these enhance our understanding of stellar life cycles and the dynamic processes within galaxies.

Learn more about the events in Astro-COLIBRI here: [link](#)

Discuss this event in our forum:

Observatory: [Plot](#)

Source is not visible from H.E.S.S. in the next 24 hours.

External Information: auto scroll

- ALADIN**
Displays event in an interactive sky atlas
- ESASky**
Displays event in an interactive sky atlas
- TNS**
Transient Name Server
- AAVSO**
Data collected by amateur astronomers
- SciX**
Find publications about this source

Central Sky Map: A circular sky map showing the Andromeda constellation. The map includes a grid of right ascension (0° to 315°) and declination (-90° to 90°) coordinates. A blue arc represents the Galactic Plane (GP). The selected event is marked with a yellow star at approximately RA 10.67 and Dec 41.25. Other stars and events are shown as various colored symbols.



Timeline

Science mode:

All events from the last 7 days are shown

The screenshot displays the Astro-COLIBRI web interface. At the top, there is a navigation bar with the Astro-COLIBRI logo, a language selector (UK flag), search, share, and chat icons, and a 'Personalize' section with icons for user profile, location, and notifications. A 'Science mode' toggle is set to 'off', and the user status is 'logged out'. The version number 'v2.29.0' is also visible.

Below the navigation bar is a timeline of events from May 26 to June 2, 2026. The selected event is 'PNV J00424164+4115162 Optical transient' on June 2, 2026. The main content area is divided into three sections:

- Event List:** A vertical list of events on the left, including:
 - PNV J00424164+4115162 Optical transient (selected)
 - EP-01709266307 Burst
 - GRB 260601A Gamma-ray burst
 - 3C138 GeV flare
 - H1722+119 GeV flare
 - TCP J00560713+4301406 Unclassified optical transient
 - GRB 260531C Gamma-ray burst
 - AT 2026nxf Unclassified optical transient
 - StKM 1-1106 Star
- Event Details:** A central panel for the selected event, showing:
 - PNV J00424164+4115162 Optical transient
 - Zoom button
 - Date [UTC]: 2026-06-02 00:41
 - Right ascension [deg]: 10.67
 - Declination [deg]: 41.25
 - observatory: Not known
- Map:** A sky map showing the event's location in the Andromeda constellation, marked with a yellow star and a blue circle. The map includes a grid of right ascension and declination coordinates.
- Summary:** A text box on the right providing a summary of the selected source:

Summary of the selected source:

An intriguing astrophysical event has been detected in the Andromeda constellation, associated with the source name PNV J00424164+4115162. This is classified as a possible nova (pvn), occurring in the well-known galaxy M31, also known as the Andromeda Galaxy. The event was observed with a transient brightness of 17.4 magnitude. The event took place on June 2, 2026, and was reported by the Central Bureau for Astronomical Telegrams (CBAT). This discovery adds to the rich tapestry of stellar phenomena observed in our neighboring galaxy.

The nova's position is marked at right ascension 10.67 degrees and declination 41.25 degrees. Despite its relatively close proximity in astronomical terms, at a sun distance of 52.58 degrees, it remains a faint and distant spectacle. The extinction due to interstellar dust, noted as 0.63, suggests some light dimming as it travels through space. Observations like these enhance our understanding of stellar life cycles and the dynamic processes within galaxies.
- Observatory and Visibility:** A section below the summary showing the selected observatory as 'H.E.S.S.' and a message: 'Source is not visible from H.E.S.S. in the next 24 hours.'
- External Information:** A section at the bottom with links to external resources:
 - ALADIN: Displays event in an interactive sky atlas
 - ESASky: Displays event in an interactive sky atlas
 - TNS: Transient Name Server
 - AAVSO: Data collected by amateur astronomers
 - SciX: Find publications about this source



Timeline

Science mode:

Change start and end in timeline

2026-05-26 2026-06-02

PNV J00424164+4115162
Optical transient

EP-01709266307
Burst

GRB 260601A
Gamma-ray burst

3C138
GeV flare

H1722+119
GeV flare

TCP J00560713+4301406
Unclassified optical transient

GRB 260531C
Gamma-ray burst

AT 2026nxf
Unclassified optical transient

StKM 1-1106

Date [UTC]: 2026-06-02 00:41
Right ascension [deg]: 10.67
Declination [deg]: 41.25
observatory: Not known

Summary of the selected source:
An intriguing astrophysical event has been detected in the Andromeda constellation, associated with the source name PNV J00424164+4115162. This is classified as a possible nova (pvn), occurring in the well-known galaxy M31, also known as the Andromeda Galaxy. The event was observed with a transient brightness of 17.4 magnitude. The event took place on June 2, 2026, and was reported by the Central Bureau for Astronomical Telegrams (CBAT). This discovery adds to the rich tapestry of stellar phenomena observed in our neighboring galaxy.

Observatory: H.E.S.S.

Source is not visible from H.E.S.S. in the next 24 hours.

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

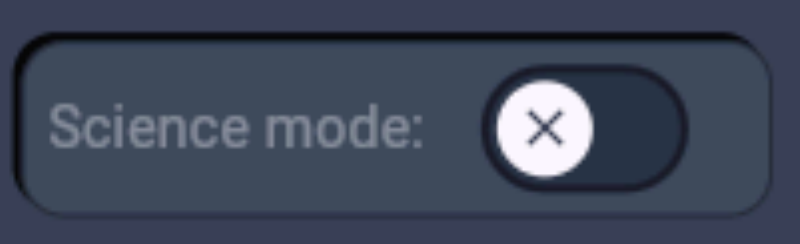
ALADIN
Displays event in an interactive sky atlas

ESASky
Displays event in an interactive sky atlas

TNS
Transient Name Server



Event Card Tiles



Color coded for instrument

Shape coded for event type

The screenshot displays the Astro-COLIBRI web interface. At the top, there is a navigation bar with the Astro-COLIBRI logo, a search icon, a share icon, a chat icon, and a 'Personalize' menu. A 'Science mode' toggle is set to 'off', and the user status is 'logged out'. The main content area is divided into three sections:

- Event List (Left):** A vertical list of event card tiles. The top tile, 'PNV J00424164+4115162 Optical transient', is highlighted with a red border. Other tiles include 'EP-01709266307 Burst', 'GRB 260601A Gamma-ray burst', '3C138 GeV flare', 'H1722+119 GeV flare', 'TCP J00560713+4301406 Unclassified optical transient', 'GRB 260531C Gamma-ray burst', 'AT 2026nxf Unclassified optical transient', and 'StKM 1-1106 Star'.
- Event Details (Middle):** A detailed view of the selected event 'PNV J00424164+4115162 Optical transient'. It includes a 'Zoom' button and a sky map showing the event's location in the Andromeda constellation. The map features a grid of right ascension and declination coordinates, with the event marked by a yellow star.
- Summary (Right):** A text-based summary of the event, stating: 'An intriguing astrophysical event has been detected in the Andromeda constellation, associated with the source name PNV J00424164+4115162. This is classified as a possible nova (pvn), occurring in the well-known galaxy M31, also known as the Andromeda Galaxy. The event was observed with a transient brightness of 17.4 magnitude. The event took place on June 2, 2026, and was reported by the Central Bureau for Astronomical Telegrams (CBAT). This discovery adds to the rich tapestry of stellar phenomena observed in our neighboring galaxy. The nova's position is marked at right ascension 10.67 degrees and declination 41.25 degrees. Despite its relatively close proximity in astronomical terms, at a sun distance of 52.58 degrees, it remains a faint and distant spectacle. The extinction due to interstellar dust, noted as 0.63, suggests some light dimming as it travels through space. Observations like these enhance our understanding of stellar life cycles and the dynamic processes within galaxies.' Below the summary, there is a 'Learn more' link, a forum discussion prompt, and an observatory selection dropdown set to 'H.E.S.S.'. A message indicates 'Source is not visible from H.E.S.S. in the next 24 hours.' At the bottom right, there is an 'External information' section with links to ALADIN, ESASky, TNS, AAVSO, and SciX.



External Links

Science mode:

Forwarding to external webpages for additional informations

The screenshot displays the Astro-COLIBRI web interface. At the top, there is a navigation bar with the site name, a search icon, a share icon, a chat icon, and a 'Science mode' toggle. Below this is a timeline of dates from 2026-05-26 to 2026-06-02. The main content area is divided into three sections: a list of transient events on the left, a central star chart, and a list of external links on the right. The star chart shows a grid of celestial coordinates with various colored stars and a blue outline. The external links section is highlighted with a red border and contains five buttons: ALADIN, ESASky, TNS, AAVSO, and SciX. Each button includes a small icon and a brief description of the external resource.

External Information:

- ALADIN**: Displays event in an interactive sky atlas
- ESASky**: Displays event in an interactive sky atlas
- TNS**: Transient Name Server
- AAVSO**: Data collected by amateur astronomers
- SciX**: Find publications about this source



Non-Science Mode

Science mode:

Astro-COLIBRI interface showing a list of astronomical events, a central sky map, and detailed information for a selected optical transient (PNV J00424164+4115162).

Event List:

- PNV J00424164+4115162 (Optical transient) - **Selected**
- EP-01709266307 (Burst)
- GRB 260601A (Gamma-ray burst)
- 3C138 (GeV flare)
- H1722+119 (GeV flare)
- TCP J00560713+4301406 (Unclassified optical transient)
- GRB 260531C (Gamma-ray burst)
- AT 2026nxf (Unclassified optical transient)
- StKM 1-1106 (Star)

Selected Source Details:

- Name:** PNV J00424164+4115162 (Optical transient)
- Date [UTC]:** 2026-06-02 00:41
- Right ascension [deg]:** 10.67
- Declination [deg]:** 41.25
- observatory:** Not known

Summary of the selected source:

An intriguing astrophysical event has been detected in the Andromeda constellation, associated with the source name PNV J00424164+4115162. This is classified as a possible nova (pvn), occurring in the well-known galaxy M31, also known as the Andromeda Galaxy. The event was observed with a transient brightness of 17.4 magnitude. The event took place on June 2, 2026, and was reported by the Central Bureau for Astronomical Telegrams (CBAT). This discovery adds to the rich tapestry of stellar phenomena observed in our neighboring galaxy.

The nova's position is marked at right ascension 10.67 degrees and declination 41.25 degrees. Despite its relatively close proximity in astronomical terms, at a sun distance of 52.58 degrees, it remains a faint and distant spectacle. The extinction due to interstellar dust, noted as 0.63, suggests some light dimming as it travels through space. Observations like these enhance our understanding of stellar life cycles and the dynamic processes within galaxies.

Learn more about the events in Astro-COLIBRI here: [link](#)

Discuss this event in our forum: [link](#)

Observatory: H.E.S.S.

Source is not visible from H.E.S.S. in the next 24 hours.

External Information:

- ALADIN:** Displays event in an interactive sky atlas
- ESASky:** Displays event in an interactive sky atlas
- TNS:** Transient Name Server
- AAVSO:** Data collected by amateur astronomers
- SciX:** Find publications about this source



Science Mode

Science mode:

Astro-COLIBRI Science Personalize: [Icons] Science mode: Status: logged out Infos: v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 | 2026-06-02

PNV J00424164+4115162
Optical transient
RA/Dec: 10.67°/41.25°
2026-06-02 00:41:45

EP260601a
Burst
RA/Dec: 257.63°/-1.64° (± 0.05°)
2026-06-01 19:13:22

GRB 260601A
Gamma-ray burst
RA/Dec: 15.06°/44.38° (± 2.03°)
2026-06-01 11:00:12

3C138
GeV flare
RA/Dec: 80.31°/16.63° (± 0.07°)
2026-06-01 10:36:49

H1722+119
GeV flare
RA/Dec: 261.27°/11.87° (± 0.01°)
2026-06-01 10:36:49

PNV J00424164+4115162
Optical transient
Cone search

Custom cone search
Source: PNV J00424164+4115162
RA/Dec: 10.67° 41.25°

Detailed info about selected source:

last modified: 2026-06-02 02:15:03

name: PNV J00424164+4115162
Astro-COLIBRI ID: AC 2026olm
observatory: Not known
detection time: 2026-06-02 00:41:45
localisation:
RA [deg]: 10.67 Dec [deg]: 41.25
RA : 0h42m41.64s Dec : 41d15m16.2s
sun distance [deg]: 52.58
E(B-V) [mag]: 0.63
detection: 17.40 mag
classification: (possible) Nova
comment: host: M31
broker: CBAT
Host galaxy:
Lightcurve:

Search for ATels

Discuss this event in our forum:

date: 2026-06-02
time: 8:51
Observatory: H.E.S.S.

Daily
Multi-source
Multi Obs.
Longterm

External information:

CBAT Central Bureau for Astronomical Telegrams
SIMBAD Astronomical Database
NED NASA/IPAC Extragalactic Database
ALADIN Displays event in an interactive sky atlas
ESA Displays event in an interactive sky atlas



Filters

Science mode:

Observatories

Choose observatories and event types relevant for you!

Event type

The screenshot displays the Astro-COLIBRI Science interface. At the top, there is a navigation bar with a search icon, a share icon, a download icon, and a chat icon. The main header includes the Astro-COLIBRI Science logo, a language selector (UK flag), and a 'Personalize' section with icons for location, globe, moon, and info. The 'Science mode' toggle is checked, and the user status is 'logged out'. The version is 'v2.29.0'. Below the header is a filter bar with 'Observatories' (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and 'Event type' (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW). A date range is set from 2026-05-26 to 2026-06-02. The main content area is divided into three columns: a list of events, a sky map, and detailed source information. The event list shows several events, including PNV J00424164+4115162 (Optical transient), EP260601a (Burst), GRB 260601A (Gamma-ray burst), 3C138 (GeV flare), and H1722+119 (GeV flare). The sky map shows a grid of celestial coordinates with various colored markers representing different events. The detailed source information for PNV J00424164+4115162 includes its name, ID, observatory (Not known), detection time (2026-06-02 00:41:45), localization (RA: 10.67 deg, Dec: 41.25 deg), RA/Dec in sexagesimal (0h42m41.64s, 41d15m16.2s), sun distance (52.58 deg), E(B-V) (0.63 mag), detection magnitude (17.40 mag), classification ((possible) Nova), comment (host: M31), and broker (CBAT). There are also buttons for 'Search for ATels', 'Discuss this event in our forum', and a date/time selector. A lightcurve plot is shown for the selected source. At the bottom, there is an 'External information' section with links to CBAT, SIMBAD, NED, ALADIN, and ESA.



Filters

Science mode:

Observatories

Choose observatories and event types relevant for you!

The screenshot shows the Astro-COLIBRI Science interface. At the top, there is a navigation bar with a search icon, share icon, download icon, and a 'Personalize' menu. The 'Science mode' toggle is turned on. Below the navigation bar, there are filter buttons for 'Observatories' (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and 'Event type' (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW). A date range is set from 2026-05-26 to 2026-06-02. The main content area is divided into three columns: a list of events, a sky map, and detailed information for the selected source. The event list shows several events, including an optical transient (PNV J00424164+4115162) and several gamma-ray bursts (GRB 260601A, EP260601a, 3C138, H1722+119). The sky map shows the location of these events in the sky. The detailed information for the selected source (PNV J00424164+4115162) includes its name, ID, observatory (Not known), detection time, localization (RA/Dec, RA/Dec in sexagesimal, sun distance, E(B-V), detection, classification, comment, broker, host galaxy, and lightcurve). A lightcurve plot is shown for the event. At the bottom, there are links to external information sources: CBAT, SIMBAD, NED, ALADIN, and ESA.

Event type

• « I am interested in optical transients only »



Filters

Science mode:

Choose observatories and event types relevant for you!

The screenshot shows the Astro-COLIBRI Science interface. At the top, there is a navigation bar with the logo, search, share, download, and chat icons, and a 'Personalize' section with location, globe, and moon icons. The 'Science mode' toggle is checked, and the user status is 'logged out'. Below this is a filter bar with 'Observatories' (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and 'Event type' (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW). A date range from 2026-05-26 to 2026-06-02 is shown with star icons indicating event counts. The main content area is divided into three columns: a list of events on the left, a central star chart with a blue cone search area, and detailed information on the right. The event list includes:

- PNV J00424164+4115162 Optical transient (2026-06-02 00:41:45)
- TCP J00560713+4301406 Unclassified optical transient (2026-06-01 09:55:26)
- AT 2026nxf Unclassified optical transient (2026-05-31 19:23:33)
- TCP J12242510+2847120 Unclassified optical transient (2026-05-31 14:26:09)
- AT 2026obc Unclassified optical transient (2026-05-31 11:26:58)

The star chart shows a blue cone search area centered on PNV J00424164+4115162. The right panel provides detailed information for this source, including its name, ID, observatory (Not known), detection time, localisation (RA: 10.67 deg, Dec: 41.25 deg), and classification ((possible) Nova). A lightcurve plot is also visible. At the bottom, there is an 'External information' section with links to CBAT, SIMBAD, NED, ALADIN, ESASky, and DESI L Imagin.

• « I am interested in optical transients only »



Filters

Science mode:

Long press: more filter options like type, observatories or magnitude filters

The screenshot displays the Astro-COLIBRI interface with several filter menus overlaid. At the top, there are navigation icons and a 'Science mode' toggle which is turned on. Below the navigation bar, there are buttons for 'Observatories' (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and 'Event type' (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, nova, AT, ATel, TDE, CV, Variable Stars). The main content area shows a list of transients on the left, a central sky map with a blue circle indicating a search area, and a detailed view of a selected source on the right. The detailed view includes a lightcurve plot and external information links.

Classified OT Filter Menu:

- Detection (mag) \leq 30.0
- Everything else
- Nova
- TDE
- CV
- Variable Stars

Other Filter Menu:

- Everything else
- ATLAS
- Gaia
- LAST
- LSST@Rubin
- MASTER

general Filter Menu:

- Observatory visibility 60
- Declination min [deg] \geq -90
- Declination max [deg] \leq 90
- Everything else
- Follow-up: RAPAS

Source Details (AT 2026nxf):

- RA/Dec: 285.38°/-10.63°
- 2026-05-31 19:23:33
- classification: (possible) Nova
- comment: host: M31
- broker: CBAT
- Host galaxy: [dropdown]
- Lightcurve: [dropdown]
- date: 2026-06-02
- time: 8:51
- Observatory: H.E.S.S.

External Information:

- Fink: Broker providing real-time transient classification
- ASAS-SN: Photometric lightcurves from ASAS-SN
- AAVSO: Data collected by amateur astronomers
- LSXPS: Living Swift-XRT point source catalogue
- FAVA: Photometric lightcurve of GeV photons recorded by
- Likelihood: Likelihood lightcurve photor



Filters

Science mode:

Long press: more filter options like type, observatories or magnitude filters

Classified OT

- Detection (mag) \leq 30.0
- Everything else
- Nova
- TDE
- CV
- Variable Stars

Other

- Everything else
- ATLAS
- Gaia
- LAST
- LSST@Rubin
- MASTER

general

- Observatory visibility 60
- Declination min [deg] \geq -90
- Declination max [deg] \leq 90
- Everything else
- Follow-up: RAPAS

With user account:
Filters are saved and applied to both, App and web version!



Filters

Science mode:

Download your filters

Astro-COLIBRI Science

Personalize: [Icons] Science mode:

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 | 2026-06-02

AT 2026nwe
Unclassified optical transient

RA/Dec: 42.40°/-31.00°
2026-05-30 09:56:57

SN 2026nwk
Supernova

RA/Dec: 175.60°/10.67°
2026-05-30 07:27:02

GRB 260530A
Gamma-ray burst

RA/Dec: 92.97°/12.71° (± 6.37°)
2026-05-30 06:10:52

AT 2026nwa
Unclassified optical transient

RA/Dec: 302.43°/-33.83°
2026-05-30 00:31:02

GRB 260530C
Gamma-ray burst

RA/Dec: 196.66°/26.38°
2026-05-30 00:13:15

SN 2026nwk
Supernova

Cone search

Custom cone search

Source: SN 2026nwk

RA/Dec: deg 175.6° 10.67°

Detailed info about selected source:

last modified: 2026-06-02 12:10:42 Archive: v

name: SN 2026nwk

Astro-COLIBRI ID: AC 2026ohn

observatory: ATLAS discovery name: ATLAS26goi

detection time: 2026-05-30 07:27:02

localisation:

RA [deg]: 175.60 Dec [deg]: 10.67

RA : 11h42m24.43s Dec : 10d40m7.09s

sun distance [deg]: 103.03

E(B-V) [mag]: 0.04

detection: 18.77 mag (orange-ATLAS)

classification: SN Ia redshift: 0.08

broker: TNS

Host galaxy: v

Lightcurve: v

Light-curve fit (NMMA): v

Archival context

Search for ATels

Discuss this event in our forum: [Forum Icon]

date: 2026-06-02

External information:

by **LSXPS** Living Swift-XRT point source catalogue

FAVA Photometric lightcurve of GeV photons recorded by

SSDC Spectral energy distribution (SED) of the selected sky

DAS Data Aggregation Service

SNAD Web portal for ZTF detected objects (DR13)

E Dust e... calcul... variou...



More details about Events

Science mode:

RA/Dec, detection time, observatory/instrument,

The screenshot displays the Astro-COLIBRI Science web interface. At the top, there is a navigation bar with the logo, search, and utility icons. Below this is a filter bar for observatories (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and event types (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW). A date range selector shows the current view from 2026-05-26 to 2026-06-02. The main content area is divided into three sections:

- Left Panel:** A list of events. The top event is **PNV J00424164+4115162**, an Optical transient, with RA/Dec: 10.67°/41.25° and detection time 2026-06-02 00:41:45. Below it are EP260601a (Burst), GRB 260601A (Gamma-ray burst), 3C138 (GeV flare), and H1722+119 (GeV flare).
- Center Panel:** A sky map showing the location of the selected event (PNV J00424164+4115162) as a yellow star. A blue cone search area is centered on the event. The map includes a grid of RA and Dec coordinates and labels for the Galactic Pole (GP) and Galactic Equator (GE).
- Right Panel:** Detailed information for the selected source. It includes fields for name, ID, observatory (Not known), detection time (2026-06-02 00:41:45), localisation (RA: 10.67, Dec: 41.25), RA/Dec in sexagesimal (0h42m41.64s, 41d15m16.2s), sun distance (52.58), E(B-V) (0.63), detection magnitude (17.40 mag), classification ((possible) Nova), comment (host: M31), and broker (CBAT). Below this is a lightcurve plot showing flux density over time, with a peak at the detection time. The plot is titled "PNV J00424164+4115162" and "2026-06-02".

At the bottom, there is an "External information" section with links to CBAT, SIMBAD, NED, ALADIN, and ESA.



Cone Search

Science mode:

Astro-COLIBRI Science

Personalize: Science mode: Status: **logged out** Infos: v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 | 2026-06-02

PNV J00424164+4115162
Optical transient

RA/Dec: 10.67°/41.25°
2026-06-02 00:41:45

PNV J00424164+4115162
Optical transient

Cone search

Custom cone search
Source: PNV J00424164+4115162
RA/Dec: deg 10.67° 41.25°

Detailed info about selected source:

last modified: 2026-06-02 02:15:03

name: PNV J00424164+4115162
Astro-COLIBRI ID: AC 2026olm
observatory: Not known
detection time: 2026-06-02 00:41:45
localisation:
RA [deg]: 10.67 Dec [deg]: 41.25
RA : 0h42m41.64s Dec : 41d15m16.2s
sun distance [deg]: 52.58
E(B-V) [mag]: 0.63
detection: 17.40 mag
classification: (possible) Nova
comment: host: M31
broker: CBAT
Host galaxy:
Lightcurve:

Search for ATels

Discuss this event in our forum:

date: 2026-06-02
time: 8:51
Observatory: H.E.S.S.

Daily
Multi-source
Multi Obs.
Longterm

External information:

CBAT
Central Bureau for
Astronomical
Telegramms

SIMBAD
Astronomical
Database

NED
NASA/IPAC
Extragalactic
Database

ALADIN
Displays event in an
interactive sky atlas

ESA
Displays e
interactive



Cone Search

Science mode:

Custom cone search by: name or coordinates (Ra/Dec)

PNV J00424164+4115162
Optical transient
RA/Dec: 10.67°/41.25°
2026-06-02 00:41:45

4FGL J0043.2+4114
M 31
RA/Dec: 10.82°/41.24°
(± 0.13°)
sep: 0.11°

4FGL J0040.3+4050
B3 0037+405
RA/Dec: 10.10°/40.84°
(± 0.03°)
sep: 0.60°

4FGL J0039.7+4203
RA/Dec: 9.94°/42.07°
(± 0.08°)
sep: 0.98°

4FGL J0049.1+4223
GALEXASC J004859.14+422351.4
RA/Dec: 12.28°/42.39°
(± 0.05°)
sep: 1.65°

PNV J00424164+4115162
Optical transient
Latest transients

Custom cone search
Source: PNV J00424164+4115162
RA/Dec: deg 10.67° 41.25°

Detailed info about selected source:
last modified: 2026-06-02 02:15:03
name: PNV J00424164+4115162
Astro-COLIBRI ID: AC 2026olm
observatory: Not known
detection time: 2026-06-02 00:41:45
localisation:
RA [deg]: 10.67 Dec [deg]: 41.25
RA : 0h42m41.64s Dec : 41d15m16.2s
sun distance [deg]: 52.58
E(B-V) [mag]: 0.63
detection: 17.40 mag
classification: (possible) Nova
comment: host: M31
broker: CBAT
Host galaxy:
Lightcurve:

Catalog sources:

- 4FGL
- TeVCat
- X-Ray Binaries (galactic plane)
- IceCat

External information:
AAVSO: Data collected by amateur astronomers
LSXPS: Living Swift-XRT point source catalogue
FAVA: Photometric lightcurve of GeV photons recorded by
SSDC: Spectral energy distribution (SED) of the selected sky
DAS: Data Aggregation Service
Web pi detect (DR13)



Event Info

Science mode:

Astro-COLIBRI Science

Personalize: [Icons] Science mode: Status: logged out Infos: v2.29.0

Observatories: Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other

Event type: FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW

2026-05-26 | 2026-06-02

RA/Dec: 197.69°/53.37° (± 0.05°)
2026-05-26 17:37:56

AT 2026nxd
Unclassified optical transient

RA/Dec: 23.00°/19.21°
2026-05-26 11:43:07

EP260526a
Burst

RA/Dec: 236.06°/-23.77° (± 0.04°)
2026-05-26 09:43:34

1164283517
Fast radio burst

RA/Dec: 226.48°/46.71° (± 0.66°)
2026-05-26 06:49:49

AT 2026lck
Optical transient

RA/Dec: 280.99°/1.88°
2026-04-24 09:54:13

Total Events: 52

AT 2026lck
Optical transient

Custom cone search
Source: AT 2026lck
RA/Dec: 280.99° 1.88°

Detailed info about selected source:

last modified: 2026-06-02 10:21:07 Archive: v

name: AT 2026lck
Astro-COLIBRI ID: AC 2026lckf
observatory: ZTF discovery name: DCAP32
detection time: 2026-04-24 09:54:13
localisation:
RA [deg]: 280.99 Dec [deg]: 1.88
RA : 18h43m58.56s Dec : 1d52m48.46s
sun distance [deg]: 109.64
E(B-V) [mag]: 2.30
follow-up: RAPAS
detection: 15.89 mag (I-ZTF)
classification: Nova
broker: TNS
Host galaxy:
Lightcurve:

Light-curve fit (NMMA):
Archival context

Search for ATels

This event is being discussed in our forum:

External information:

NED NASA/IPAC Extragalactic Database
ALADIN Displays event in an interactive sky atlas
ESASky Displays event in an interactive sky atlas
Legacy Survey DESI Legacy Imaging Surveys
TNS Transient Name Server
WISE Spectra

- When detected?
- Which observatory has detected it?
- What was the brightness at the time of detection?
- Classification?
- ...



Event Info

Science mode:

Astro-COLIBRI Science

Personalize: [Icons] Science mode: Status: logged out Infos: v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 2026-06-02

RA/Dec: 197.69°/53.37° (± 0.05°)
2026-05-26 17:37:56

AT 2026nxd
Unclassified optical transient

RA/Dec: 23.00°/19.21°
2026-05-26 11:43:07

EP260526a
Burst

RA/Dec: 236.06°/-23.77° (± 0.04°)
2026-05-26 09:43:34

1164283517
Fast radio burst

RA/Dec: 226.48°/46.71° (± 0.66°)
2026-05-26 06:49:49

AT 2026lck
Optical transient

RA/Dec: 280.99°/1.88°
2026-04-24 09:54:13

Total Events: 52

AT 2026lck
Optical transient

Cone search

Custom cone search
Source: AT 2026lck
RA/Dec: deg 280.99° 1.88°

Detailed info about selected source:
last modified: 2026-06-02 10:21:07
name: AT 2026lck
Astro-COLIBRI ID: AC-2026lck-f

follow-up: RAPAS
detection: 15.89 mag (I-ZTF)
classification: Nova
broker: TNS
Host galaxy:
Lightcurve:

Light-curve fit (NMMA):
Archival context

Search for ATels

This event is being discussed in our forum:

External information:
NED NASA/IPAC Extragalactic Database
ALADIN Displays event in an interactive sky atlas
ESASky Displays event in an interactive sky atlas
Legacy Survey DESI Legacy Imaging Surveys
TNS Transient Name Server
WISE Spectra

Choose download format
Which format do you prefer?
Astro-COLIBRI JSON VOEvent
Cancel

Download single event information



Optical Lightcurves

Science mode:

Astro-COLIBRI Science

Personalize:

Science mode: Status: *logged out* Infos: v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 | 05-26 | 05-27 | 05-28 | 05-29 | 05-30 | 05-31 | 06-01 | 06-02 | 2026-06-02

RA/Dec: 197.69°/53.37° (± 0.05°)
2026-05-26 17:37:56 +

AT 2026nxd
Unclassified optical transient ☆
RA/Dec: 23.00°/19.21°
2026-05-26 11:43:07 +

EP260526a
Burst ○
RA/Dec: 236.06°/-23.77° (± 0.04°)
2026-05-26 09:43:34 +

1164283517
Fast radio burst ⊕
RA/Dec: 226.48°/46.71° (± 0.66°)
2026-05-26 06:49:49 +

AT 2026lck
Optical transient ☆
RA/Dec: 280.99°/1.88°
2026-04-24 09:54:13 +

Total Events: 52

AT 2026lck
Optical transient
Cone search +

Custom cone search
Source: AT 2026lck
RA/Dec:

Detailed info about selected source: Archive:

last modified: 2026-06-02 10:21:07

name: AT 2026lck

Astro-COLIBRI ID: AC 2026lckf

observatory: ZTF discovery name: DCAP32

detection time: 2026-04-24 09:54:13

localisation:
RA [deg]: 280.99 Dec [deg]: 1.88

RA : 18h43m58.56s Dec : 1d52m48.46s

sun distance [deg]: 109.64

E(B-V) [mag]: 2.30

follow-up: RAPAS

detection: 15.89 mag (I-ZTF)

classification: Nova

broker: TNS

Host galaxy:

Lightcurve:

Light-curve fit (NMMA):

Archival context

Search for ATels

This event is being discussed in our forum:

External information: auto scroll

NED
NASA/IPAC
Extragalactic
Database

ALADIN
Displays event in an
interactive sky atlas

ESASky
Displays event in an
interactive sky atlas

Legacy Survey
DESI Legacy
Imaging Surveys

TNS
Transient Name
Server

WISE
Spectra a

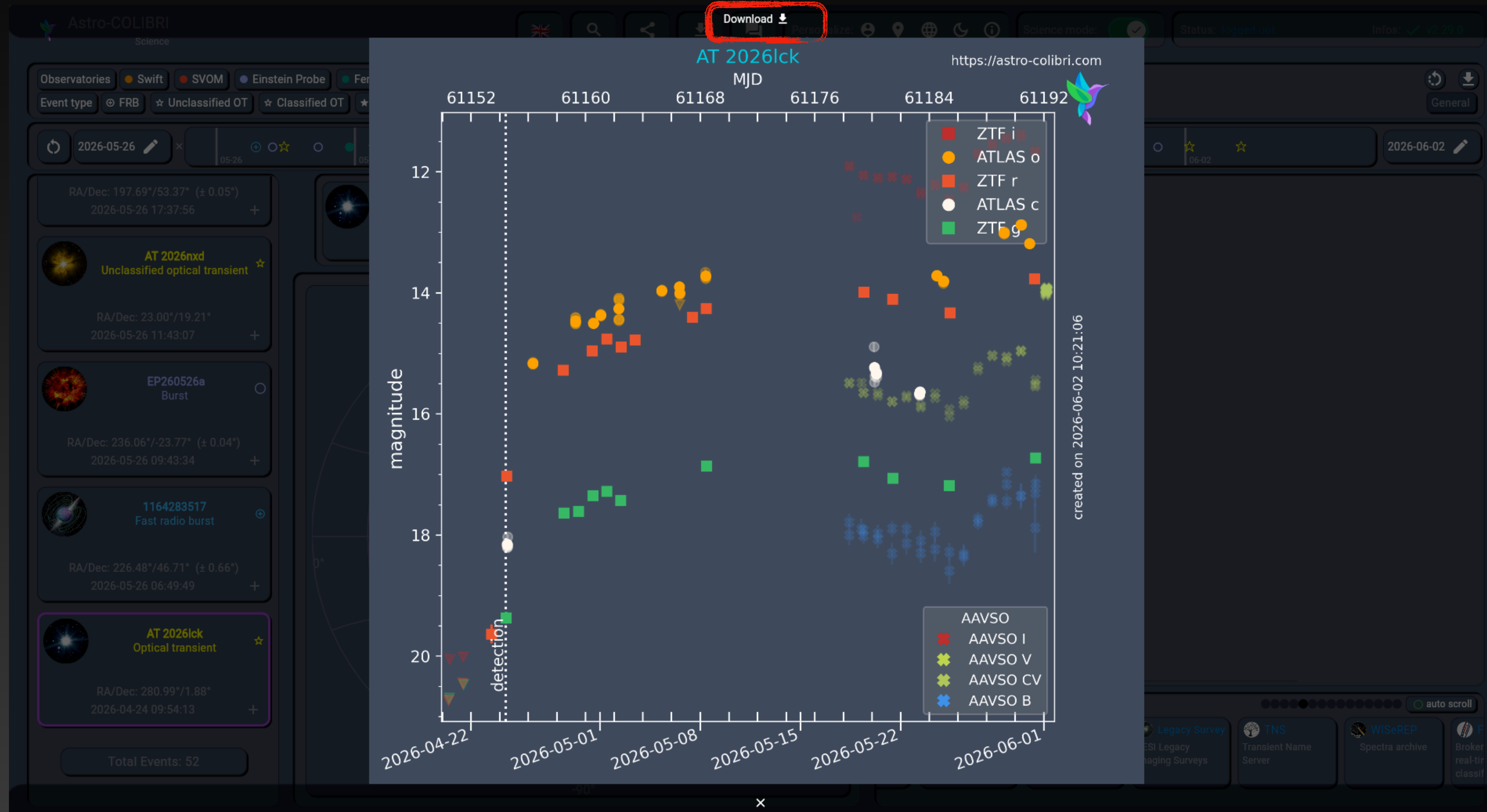


Optical Lightcurves

Science mode:

Optical transients: lightcurve updated 1 once per day for 15 days

Classified optical transients: lightcurve updated 1 once per day for 50 days





Optical Lightcurves

Science mode:

Custom lightcurve query

Astro-COLIBRI Science

Personalize:

Science mode: Status: logged out Infos: v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 2026-06-02

RA/Dec: 197.69°/53.37° (± 0.05°)
2026-05-26 17:37:56 +

AT 2026nxd
Unclassified optical transient ☆

RA/Dec: 23.00°/19.21°
2026-05-26 11:43:07 +

EP260526a
Burst ○

RA/Dec: 236.06°/-23.77° (± 0.04°)
2026-05-26 09:43:34 +

1164283517
Fast radio burst ⊕

RA/Dec: 226.48°/46.71° (± 0.66°)
2026-05-26 06:49:49 +

AT 2026lck
Optical transient ☆

RA/Dec: 280.99°/1.88°
2026-04-24 09:54:13 +

Total Events: 52

AT 2026lck
Optical transient

Cone search +

Custom cone search +

Source: AT 2026lck

RA/Dec:

Detailed info about selected source:

last modified: 2026-06-02 10:21:07 Archive:

name: AT 2026lck

Astro-COLIBRI ID: AC 2026lckf

observatory: ZTF discovery name: DCAP32

detection time: 2026-04-24 09:54:13

localisation:

RA [deg]: 280.99 Dec [deg]: 1.88

RA : 18h43m58.56s Dec : 1d52m48.46s

sun distance [deg]: 109.64

E(B-V) [mag]: 2.30

follow-up: RAPAS

detection: 15.89 mag (I-ZTF)

classification: Nova

broker: TNS

Host galaxy:

Lightcurve:

Light-curve fit (NMMA):

Archival context

Search for ATels

This event is being discussed in our forum:

External information: auto scroll

NED
NASA/IPAC
Extragalactic
Database

ALADIN
Displays event in an
interactive sky atlas

ESASky
Displays event in an
interactive sky atlas

Legacy Survey
DESI Legacy
Imaging Surveys

TNS
Transient Name
Server

WISE
Spectra a



Optical Lightcurves

Science mode:

Custom lightcurve query: chose time range, brokers + download data

The screenshot displays the Astro-COLIBRI Science interface. At the top, there is a navigation bar with the Astro-COLIBRI logo, search, share, download, and chat icons, and a 'Science mode' toggle which is currently turned on. Below this is a filter bar with buttons for various observatories (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and event types (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW). A time range selector is set to 2026-05-26 to 2026-06-02. The central part of the interface features a sky map with a blue cone search region centered on AT 2026lck. To the left of the map is a list of event cards, with AT 2026lck highlighted in purple. To the right of the map is a 'Custom cone search' panel and a 'broker: TNS' panel. The 'broker: TNS' panel is highlighted with a red box and contains the following options: 'Select time range' (2026-04-19, 2026-05-24), 'show ATLAS' (checked), 'show ZTF' (checked), 'show LSST' (checked), 'show ASAS-SN' (checked), 'show AAVSO' (checked), 'show RAPAS' (unchecked), and a 'Download lightcurve data' button. Below these options is a 'Photometry' dropdown and a 'Light-curve fit (NMMA)' dropdown. At the bottom right, there is an 'External information' section with links to ESASky, Legacy Survey, TNS, WISeREP, Fink, and AAVSO.



Menu Area

Science mode:

Astro-COLIBRI Science

Personalize: [Icons] Science mode: Status: logged out Infos: ✓ v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE LVCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB bur neutrino MWL + MM GW

2026-05-26 2026-06-02

Share the url to this event

Custom cone search
Source: AT 2026lck
RA/Dec: deg 280.99° 1.88°

Detailed info about selected source:
last modified: 2026-06-02 10:21:07 Archive: v
name: AT 2026lck
Astro-COLIBRI ID: AC 2026lckf
observatory: ZTF discovery name: DCAP32
detection time: 2026-04-24 09:54:13
localisation:
RA [deg]: 280.99 Dec [deg]: 1.88
RA : 18h43m58.56s Dec : 1d52m48.46s
sun distance [deg]: 109.64
E(B-V) [mag]: 2.30
follow-up: RAPAS
detection: 15.89 mag (I-ZTF)
classification: Nova
broker: TNS
Host galaxy: v
Lightcurve: v

Light-curve fit (NMMA): v
Archival context

Search for ATels

This event is being discussed in our forum: [Forum Icon]

External information: [Icons] auto scroll

NED NASA/IPAC Extragalactic Database
ALADIN Displays event in an interactive sky atlas
ESASky Displays event in an interactive sky atlas
Legacy Survey DESI Legacy Imaging Surveys
TNS Transient Name Server
WISE Spectra

Total Events: 52



Menu Area

Science mode:

Download all selected events

Share the url to this event

Download all selected events

AT 2026lck
Optical transient

RA/Dec: 280.99°/1.88°
2026-04-24 09:54:13

Total Events: 52

Detailed info about selected source:
last modified: 2026-06-02 10:21:07
name: AT 2026lck
Astro-COLIBRI ID: AC 2026lckf
observatory: ZTF discovery name: DCAP32
detection time: 2026-04-24 09:54:13
localisation:
RA [deg]: 280.99 Dec [deg]: 1.88
RA : 18h43m58.56s Dec : 1d52m48.46s
sun distance [deg]: 109.64
E(B-V) [mag]: 2.30
follow-up: RAPAS
detection: 15.89 mag (I-ZTF)
classification: Nova
broker: TNS
Host galaxy:
Lightcurve:

External information:
NED: NASA/IPAC Extragalactic Database
ALADIN: Displays event in an interactive sky atlas
ESASky: Displays event in an interactive sky atlas
Legacy Survey: DESI Legacy Imaging Surveys
TNS: Transient Name Server
WISE: Spectra



Menu Area

Science mode:

Download all selected events

Share the url to this event

Discuss the event in our forum

The screenshot displays the Astro-COLIBRI interface. At the top, there is a navigation bar with a search icon, a share icon, a download icon, and a forum icon, all highlighted with red boxes. Below this is a filter bar for observatories (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, LVCube, LVK, Radio, Other) and event types (FRB, Unclassified OT, Classified OT, SN, star, GRB, bur, neutrino, MWL + MM, GW). A date range selector shows '2026-05-26' to '2026-06-02'. The main content area is divided into three sections: a list of events on the left, a central sky map, and a detailed source information panel on the right. The event list includes 'AT 2026nxd' (Unclassified optical transient), 'EP260526a' (Burst), '1164283517' (Fast radio burst), and 'AT 2026lck' (Optical transient). The sky map shows a grid of celestial coordinates with various colored stars and a highlighted event. The detailed source information panel for 'AT 2026lck' provides metadata such as name, ID, observatory, discovery name, detection time, localisation (RA/Dec), sun distance, E(B-V), follow-up, detection magnitude, classification, and broker. It also includes a lightcurve plot and a search for ATels button. At the bottom, there is an 'External information' section with links to NED, ALADIN, ESASky, Legacy Survey, TNS, and WISE.



User Account

Science mode:

Select your language

The screenshot displays the Astro-COLIBRI web interface. At the top left, the logo and name 'Astro-COLIBRI Science' are visible. The top navigation bar includes a search icon, a share icon, a download icon, a chat icon, and a 'Personalize' section with icons for user profile, location, globe, moon, and info. A 'Science mode' toggle is set to 'on', and the status is 'logged out'. Below the navigation bar, there are filters for 'Observatories' (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and 'Event type' (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, Neutrino, MWL + MM, GW). A timeline at the top shows dates from 2026-05-26 to 2026-06-02. The main content area features a list of events on the left, a central 'Cone search' for 'SN 2026nwk' with a 'Custom cone search' box, and a 'Detailed info about selected source' panel on the right. A 'Select your Language' modal is overlaid in the center, with a red box highlighting it and a red arrow pointing from the language icon in the top navigation bar to the modal. The modal contains five language options: English (highlighted with a blue background), Français, Deutsch, Español, and Italiano, along with a 'close' button. The background shows a sky map with various event locations marked by stars and a blue cone search area.



User Account

Science mode:

Select your language: login required

Astro-COLIBRI Science

Personalize: Science mode: Status: logged out

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 2026-06-02

AT 2026nwe
Unclassified optical transient
RA/Dec: 42.40°/-31.00°
2026-05-30 09:56:57

SN 2026nwk
Supernova
RA/Dec: 175.60°/10.67°
2026-05-30 07:27:02

GRB 260530A
Gamma-ray burst
RA/Dec: 92.97°/12.71° (± 6.37°)
2026-05-30 06:10:52

AT 2026nwa
Unclassified optical transient
RA/Dec: 302.43°/-33.83°
2026-05-30 00:31:02

GRB 260530C
Gamma-ray burst
RA/Dec: 196.66°/26.38°
2026-05-30 00:13:15

SN 2026nwk
Supernova
Cone search

Custom cone search
Source: SN 2026nwk
RA/Dec: deg 175.60 10.67

Detailed info about selected source:
last modified: 2026-06-02 12:10:42
name: SN 2026nwk
Astro-COLIBRI ID: AC 2026ohn
observatory: ATLAS discovery name: ATLAS26gol
detection time: 2026-05-30 07:27:02
localisation:
RA [deg]: 175.60 Dec [deg]: 10.67
RA : 11h42m24.43s Dec : 10d40m7.09s
angular distance [deg]: 103.03
magnitude: 17.77 mag (orange-ATLAS)
type: SN Ia redshift: 0.08

Search for ATels

Discuss this event in our forum:

External information:
NED NASA/IPAC Extragalactic Database
ALADIN Displays event in an interactive sky atlas
ESASky Displays event in an interactive sky atlas
Legacy Survey DESI Legacy Imaging Surveys
TNS Transient Name Server

login required
Please sign in to change the language.
We currently support English, French, German, Spanish, and Italian.
Open sign in page
close



User Account

Science mode:

Select your language: login required

Astro-COLIBRI Science

Person

Science mode: Status: logged out Infos: ✓ v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 2026-06-02

AT 2026nwe
Unclassified optical transient
RA/Dec: 42.40°/-31.00°
2026-05-30 09:56:57

SN 2026nwk
Supernova
RA/Dec: 175.60°/10.67°
2026-05-30 07:27:02

GRB 260530A
Gamma-ray burst
RA/Dec: 92.97°/12.71° (± 6.37°)
2026-05-30 06:10:52

AT 2026nwa
Unclassified optical transient
RA/Dec: 302.43°/-33.83°
2026-05-30 00:31:02

GRB 260530C
Gamma-ray burst
RA/Dec: 196.66°/26.38°
2026-05-30 00:13:15

SN 2026nwk
Supernova
Cone search

Custom cone search
Source: SN 2026nwk
RA/Dec: deg 175.6° 10.67°

Detailed info about selected source:
last modified: 2026-06-02 12:10:42 Archive: v
name: SN 2026nwk
Astro-COLIBRI ID: AC 2026ohn
observatory: ATLAS discovery name: ATLAS26gol
detection time: 2026-05-30 07:27:02
localisation:
RA [deg]: 175.60 Dec [deg]: 10.67
RA : 11h42m24.43s Dec : 10d40m7.09s
angular distance [deg]: 103.03
magnitude: 17.77 mag (orange-ATLAS)
type: SN Ia redshift: 0.08

Search for ATels

Discuss this event in our forum:

date: 2026-06-02

External information:
NED NASA/IPAC Extragalactic Database
ALADIN Displays event in an interactive sky atlas
ESASky Displays event in an interactive sky atlas
Legacy Survey DESI Legacy Imaging Surveys
TNS Transient Name Server

auto scroll



User Account

Science mode:

Login via **Email/PW** or **Google account** or **Apple account**

Your Astro-COLIBRI account

An Astro-COLIBRI account allows to save preferences like your favorite observatory, your event filters, etc. and synchronizes them across all platforms.

Email

Password

Login

Or continue with

Continue with Google

Continue with Apple

Register for a new account or request a password reset below.

[Create a new account](#) [Change your password](#)

close



User Account

Science mode:

Logged-in: filters are automatically loaded!

The screenshot displays the Astro-COLIBRI Science interface. At the top, the user is logged in as `ilja.jaroschewski@google`. The interface includes a navigation bar with filters for Observatories (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and Event types (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW). A timeline at the top shows dates from 2026-05-26 to 2026-06-02. The main content area features a list of events on the left, a central sky map with a custom cone search for GRB 260601A, and a detailed information panel on the right. The detailed panel includes fields for Name, Astro-COLIBRI ID, Detection Time, Localisation (RA, Dec, error, sun distance), Observation (Observatory, Instrument, Notice), Classification (E(B-V), Significance, Broker), Localisation Areas (50% and 90% Area), and History (last modified, Comment, Host galaxy, Lightcurve). External information links for GBM, SIMBAD, NED, ALADIN, ESASky, and DESI L Imagin are provided at the bottom.



User Account

Science mode:

Different view

Astro-COLIBRI Science

Personalize: Science mode: Logged in: [ilja.jaroschewski@google](#) Infos: v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 | 05-26 | 05-27 | 05-28 | 05-29 | 05-30 | 05-31 | 06-01 | 06-02 | 2026-06-02

EP260601a
Burst
RA/Dec: 257.63°/-1.64° (± 0.05°)
2026-06-01 19:13:22

GRB 260601A
Gamma-ray burst
RA/Dec: 15.06°/44.38° (± 2.03°)
2026-06-01 11:00:12

3C138
GeV flare
RA/Dec: 80.31°/16.63° (± 0.07°)
2026-06-01 10:36:49

H1722+119
GeV flare
RA/Dec: 261.27°/11.87° (± 0.01°)
2026-06-01 10:36:49

GRB 260531C
Gamma-ray burst
RA/Dec: 40.60°/36.20° (± 11.60°)
2026-05-31 21:14:58

GRB 260601A
Gamma-ray burst

Cone search

Custom cone search
Source: GRB 260601A
RA/Dec:

Detailed info about selected source:

VoEvent : XML VoEvent : JSON

Name: GRB 260601A
Astro-COLIBRI ID: AC 2026okb
Detection Time: 2026-06-01 11:00:12

Localisation

RA [deg]: 15.06°
Dec [deg]: 44.38°
error [deg]: 2.03°
sun distance [deg]: 49.29°

Observation

Observatory: Fermi
Notice: Fin_Pos
Instrument: GBM

Classification

E(B-V): 0.11 mag
Significance: 58.8 σ
Broker: GCN

Localisation Areas

50% Area: 63.47 deg²
90% Area: 250.21 deg²

History

last modified: 2026-06-01 18:32:21
Comment: short GRB
Host galaxy:

External information:

Analysis results of Fermi-GBM
 SIMBAD Astronomical Database
 NASA/IPAC Extragalactic Database
 Displays event in an interactive sky atlas
 Displays event in an interactive sky atlas
 DESI L Imagin



User Account

Science mode:

Different view

The screenshot displays the Astro-COLIBRI interface with the following components:

- Header:** Astro-COLIBRI Science logo, navigation icons (flag, search, share, download, chat), Personalize settings, Science mode toggle (checked), and user info (Logged in: ilja.jaroschewski@google, Infos: v2.29.0).
- Filter Bars:** Observatories (Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE, IceCube, LVK, Radio, Other) and Event type (FRB, Unclassified OT, Classified OT, SN, star, GRB, burst, neutrino, MWL + MM, GW).
- Timeline:** A horizontal timeline from 2026-05-26 to 2026-06-02 with event markers.
- Event List (Left):**
 - EP260601a Burst (RA/Dec: 257.63°/-1.64° ± 0.05°, 2026-06-01 19:13:22)
 - GRB 260601A Gamma-ray burst** (RA/Dec: 15.06°/44.38° ± 2.03°, 2026-06-01 11:00:12) - highlighted with a purple border
 - 3C138 GeV flare (RA/Dec: 80.31°/16.63° ± 0.07°, 2026-06-01 10:36:49)
 - H1722+119 GeV flare (RA/Dec: 261.27°/11.87° ± 0.01°, 2026-06-01 10:36:49)
 - GRB 260531C Gamma-ray burst (RA/Dec: 40.60°/36.20° ± 11.60°, 2026-05-31 21:14:58)
- Map (Center):** A sky map showing the localization area for GRB 260601A as a blue ellipse, with other events marked as colored dots and stars.
- Custom cone search (Top Right):** Search for GRB 260601A at RA/Dec: 15.06°, 44.38°.
- Detailed info about selected source (Right):**
 - VoEvent: XML, VoEvent: JSON, History: #0 #1
 - Name: GRB 260601A
 - Astro-COLIBRI ID: AC 2026okb
 - Detection Time: 2026-06-01 11:00:12
 - Localisation:** RA [deg]: 15.06°, Dec [deg]: 44.38°, error [deg]: 2.03°, sun distance [deg]: 49.29°
 - Observation:** Observatory: Fermi, Instrument: GBM, Notice: Fin_Pos
 - Classification:** E(B-V): 0.11 mag, Significance: 58.8 σ, Broker: GCN
 - Localisation Areas:** 50% Area: 63.47 deg², 90% Area: 250.21 deg²
 - History:** last modified: 2026-06-01 18:32:21, Comment: short GRB
 - Host galaxy: [dropdown]
- External information (Bottom Right):** Links to GBM (Analysis results of Fermi-GBM), SIMBAD (Astronomical Database), NED (NASA/IPAC Extragalactic Database), ALADIN (Displays event in an interactive sky atlas), ESASky (Displays event in an interactive sky atlas), and DESI L (Imagin).



User Account

Science mode:

Change the view of the Sky-Map + Info area + whole screen (saved in user data)

The screenshot shows the Astro-COLIBRI interface with a 'Coordinates & Map' settings modal open. The modal contains the following sections:

- Coordinates & Map**: Tune the layout of the Astro-COLIBRI interface by adapting the coordinate system, projection, and map overlays for the Astro-COLIBRI sky view.
- Coordinate system:** Equatorial (selected), Galactic
- Coordinate projection:** Hammer-Aitov (selected), Mollweide, Mercator
- Map layout settings:** Round, Elliptical (selected)
- Show sun or moon position:**
 - Show Sun
 - Sun panel
 - Show Moon
 - Moon panel
- Change event details view:** Choose your preferred way to display the event details area.
 - Standard, Tabular (selected)

The background interface shows a list of astronomical events on the left, a central sky map, and a detailed event information panel on the right. The top navigation bar includes 'Science mode' (checked), 'Logged in: ija.jaroschewski@google', and 'Infos: v2.29.0'. The bottom bar features database links for SIMBAD, NED, ALADIN, ESASky, and DESI L.








User Account

Science mode:

Account infos

Astro-COLIBRI Science

Personalization:      Science mode: Logged in: [ilja.jaroschewski@google](#) Infos: v2.29.0

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE IceCube LVK Radio Other

Event type: FRB Unclassified OT Classified OT SN star GRB burst neutrino MWL + MM GW

2026-05-26 | 05-26 | 05-27 | 05-28 | 05-29 | 05-30 | 05-31 | 06-01 | 06-02 | 2026-06-02

EP260601a
Burst

RA/Dec: 257.63°/-1.64° (± 0.05°)
2026-06-01 19:13:22

GRB 260601A
Gamma-ray burst

RA/Dec: 15.06°/44.38° (± 2.03°)
2026-06-01 11:00:12

3C138
GeV flare

RA/Dec: 80.31°/16.63° (± 0.07°)
2026-06-01 10:36:49

H1722+119
GeV flare

RA/Dec: 261.27°/11.87° (± 0.01°)
2026-06-01 10:36:49

GRB 260531C
Gamma-ray burst

RA/Dec: 40.60°/36.20° (± 11.60°)
2026-05-31 21:14:58

GRB 260601A
Gamma-ray burst

Cone search

Custom cone search

Source: GRB 260601A

RA/Dec:

Detailed info about selected source:

VoEvent: XML VoEvent: JSON History: #0 #1

Name: GRB 260601A

Astro-COLIBRI ID: AC 2026okb

Detection Time: 2026-06-01 11:00:12

Localisation

RA [deg]: 15.06° 1h0m14.4s

Dec [deg]: 44.38° 44d22m48s

error [deg]: 2.03°

sun distance [deg]: 49.29°

Observation

Observatory: Fermi Instrument: GBM

Notice: Fin_Pos

Classification

E(B-V): 0.11 mag

Significance: 58.8 σ

Broker: GCN

Localisation Areas

50% Area: 63.47 deg² 90% Area: 250.21 deg²

History

last modified: 2026-06-01 18:32:21 Archive:

Comment: short GRB

Host galaxy:

Lightcurve:

External information:

Analysis results of Fermi-GBM Astronomical Database NASA/IPAC Extragalactic Database Displays event in an interactive sky atlas Displays event in an interactive sky atlas DESI L Imagin



User Account

Science mode:

Account infos

Your Astro-COLIBRI account

An Astro-COLIBRI account allows to save preferences like your favorite observatory, your event filters, etc. and synchronizes them across all platforms.

- Account details
- Astro-COLIBRI AR subscription
- Notifications
- Request observatory access
- NMMA Job History

Logged in as a user with ilja.jaroschewski@googlemail.com

[logout](#)

[Delete Account](#)

[close](#)

Account infos

Astro-COLIBRI Science

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE

Event type: FRB Unclassified OT Classified OT SN star GRB burst

2026-05-26 | 2026-06-02

Selected source: GRB 260601A

GRB 260601A	15.06°	44.38°	1h0m14.4s	44d22m48s
AC 2026okb	2.03°	49.29°		
2026-06-01 11:00:12				
Instrument:	GBM			
Fermi	Fin_Pos			
0.11 mag	58.8 σ			
GCN	63.47 deg ²			
90% Area:	250.21 deg ²			
2026-06-01 18:32:21	Archive: v			
short GRB				

auto scroll

[SIMBAD](#) [NED](#) [ALADIN](#) [ESASky](#)

Results of Astronomical Database NASA/IPAC Extragalactic Database Displays event in an interactive sky atlas Displays event in an interactive sky atlas DESI L



User Account

Science mode:

Account details

Astro-COLIBRI Science

Observatories: Swift SVOM Einstein Probe Fermi FLAapLUC Other HE

Event type: FRB Unclassified OT Classified OT SN star GRB burst

2026-05-26 | 2026-06-02

Account details (highlighted)

Astro-COLIBRI AR subscription

Notifications

Request observatory access

NMMA Job History

Logged in as a user with ilja.jaroschewski@googlemail.com

logout

Delete Account

close

GRB 260601A Gamma-ray burst

EP260601a Burst

3C138 GeV flare

H1722+119 GeV flare

GRB 260531C Gamma-ray burst

GP

RA/Dec: 15.06°/44.38° (± 2.03°)
2026-06-01 11:00:12

RA/Dec: 257.63°/-1.64° (± 0.05°)
2026-06-01 19:13:22

RA/Dec: 80.31°/16.63° (± 0.07°)
2026-06-01 10:36:49

RA/Dec: 261.27°/11.87° (± 0.01°)
2026-06-01 10:36:49

RA/Dec: 40.60°/36.20° (± 11.60°)
2026-05-31 21:14:58

Instrument: GBM

0.11 mag
58.8 σ
GCN

63.47 deg² 90% Area: 250.21 deg²

2026-06-01 18:32:21

short GRB

auto scroll

SIMBAD Astronomical Database

NED NASA/IPAC Extragalactic Database

ALADIN Displays event in an interactive sky atlas

ESASky Displays event in an interactive sky atlas

DESI L Imagin



User Account

Science mode:

Account details: update default time period, username etc or change credentials

Update settings for `ilja.jaroschewski@googlemail.com`

User-ID (select and copy for use in the API):
`kq49xdoTwhgkmyIWER4x6wh4gEy1`

Username :
Ilja Jaroschewski

Institute :

Number of digits in coordinates :
2

Default time period [days] :
7

Change credentials ^

Email :
`ilja.jaroschewski@googlemail.com`

New password :

Repeat new password :

Enter your current password to confirm credentials changes :

close save settings



User Account

Science mode:

Account details: update default time period, username etc or change credentials

Update settings for ilja.jaroschewski@googlemail.com

User-ID (select and copy for use in the API):
kq49xdoTwhgkmyIWER4x6wh4gEy1

Username :
Ilja Jaroschewski

Institute :

Number of digits in coordinates :
2

Default time period [days] :
7

Change credentials ^

Email :
ilja.jaroschewski@googlemail.com

New password :

Repeat new password :

Enter your current password to confirm credentials changes :

close save settings

**Your User-ID:
Copy for use in API**



User Account

Science mode:

Notifications

Your Astro-COLIBRI account

An Astro-COLIBRI account allows to save preferences like your favorite observatory, your event filters, etc. and synchronizes them across all platforms.

- Account details
- Astro-COLIBRI AR subscription
- Notifications**
- Request observatory access
- NMMA Job History

Logged in as a user with ilja.jaroschewski@googlemail.com

[logout](#)

[Delete Account](#)

[close](#)

Background Interface:

Astro-COLIBRI Science

Observatories: Swift, SVOM, Einstein Probe, Fermi, FLAapLUC, Other HE

Event type: FRB, Unclassified OT, Classified OT, SN, star, GRB, burst

2026-05-26 | 2026-06-02

Selected source: GRB 260601A

GRB 260601A	AC 2026okb	2026-06-01 11:00:12
15.06°	44.38°	2.03°
49.29°	1h0m14.4s	44d22m48s
Fermi	Instrument:	GBM
Fin_Pos	0.11 mag	58.8 σ
GCN	63.47 deg²	90% Area: 250.21 deg²
2026-06-01 18:32:21	Archive:	short GRB

auto scroll

[SIMBAD](#) [NED](#) [ALADIN](#) [ESASky](#)



User Account

Science mode:

Notifications: subscribe to relevant streams for you

The screenshot shows the Astro-COLIBRI Science user account interface. A modal titled "Subscribe to alert notifications" is open, displaying various notification settings. The background interface includes a top navigation bar with "Science mode" and "Logged in" status, a filter bar for observatories and event types, a central timeline and map view, and a bottom navigation bar with various tool icons.

Subscribe to alert notifications

- Browser notifications** : These settings apply to browser notifications. Use Sync to copy the current mobile configuration into your browser settings.
- Browser diagnostics** : Status and delivery checks for this browser only.
- Cross-platform sync** : Pull the current mobile configuration into the browser notification profile. [Sync browser settings](#). Save or discard your browser changes before starting a sync.
- Gravitational waves:**
 - All GW alerts
 - Specific subsets of "All GW alerts":*
 - Significant GW alerts
 - NS/NSBH GW alerts
 - Well localized GW alerts
- Optical transients:**
 - Optical transients: SNe
 - Nearby supernovae
 - Specific supernova types:*
 - SN Ia
 - SN Ib

[Save changes](#) [close](#)

Receive real-time notifications to your phone or/and browser!



Many more features to discover!



Which features would be helpful for you?

Do you want to learn how to use something in particular?

Many more features to discover!



Which features would be helpful for you?

Do you want to learn how to use something in particular?

Many more features to discover!

We can discuss after the next talk!



Which features would be helpful for you?

Do you want to learn how to use something in particular?

Many more features to discover!

We can discuss after the next talk!

First: Observability Tools with Sofia!