

EVSCOPE RETOUR D'EXPERIENCE



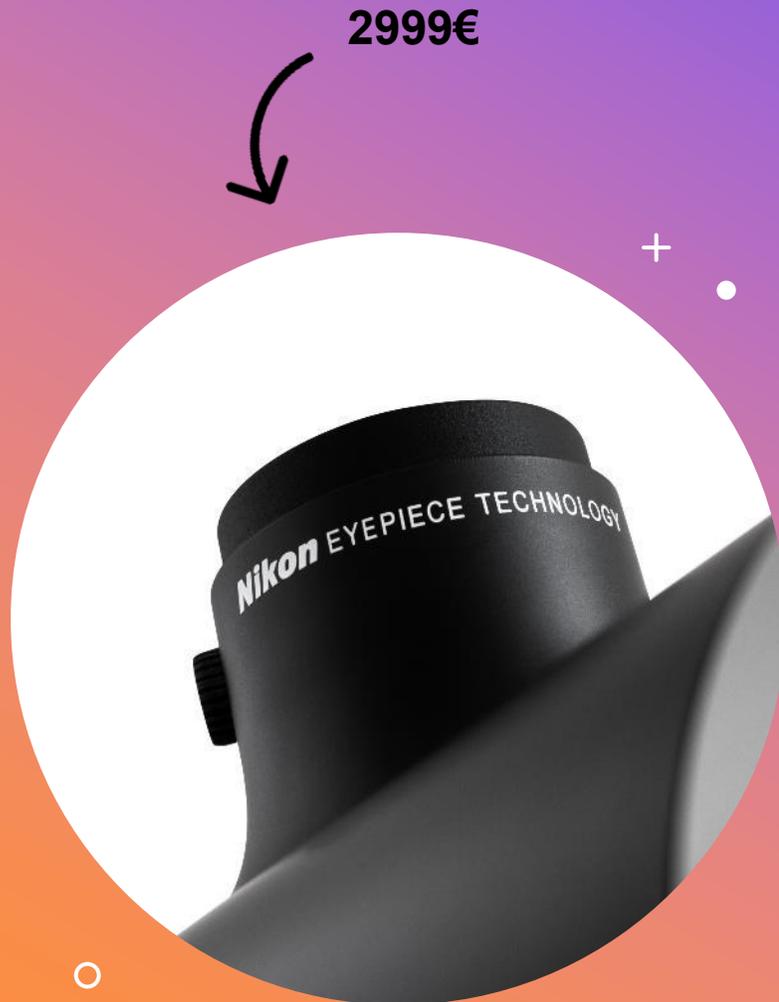
Vincent CATTELAIN



VINCENT CATTELAIN

❖ Astronome amateur
des Hauts de France

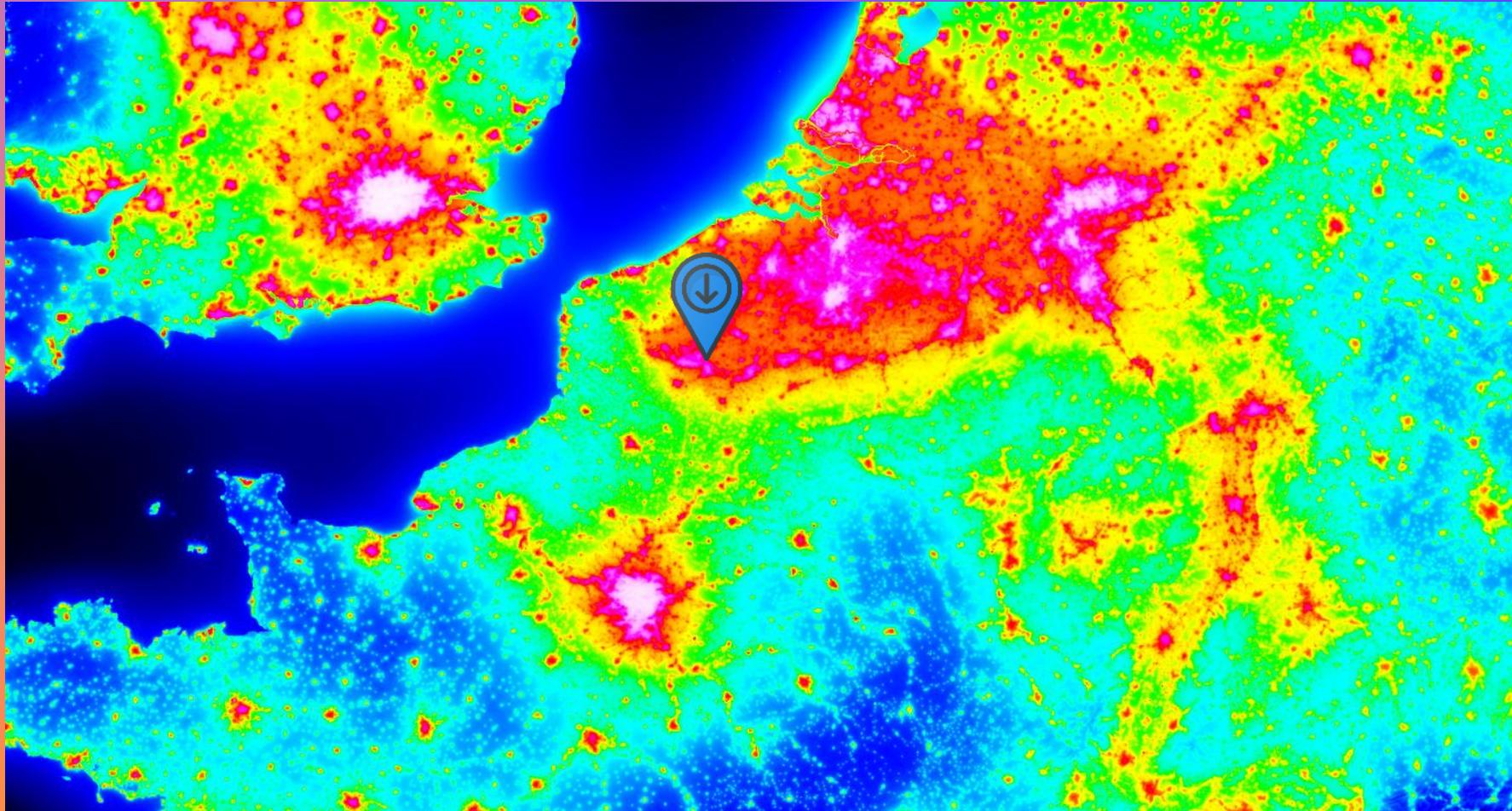
www.astrogaac.fr



LE CHOIX D'UN EVSCOPE

- ❖ Acheté en avril 2021
- ❖ Modèle eVscope 1.0

CIEL! QU'IL EST LAID!



○



1997PA4

Caractérisation d'un astéroïde (ou pas):
27 janvier 2022



Forecast for Oignies, Pas-de-Calais, FR (50.46,2.99)

Est. Sky Quality: 19.01 Magnitude. Class 6 Bortle. 2.7 mcd/m² Brightness. 2524.37 μcd/m² Artificial Brightness.

Generated: 27/01/22 20:05:36. Forecast: 27/01/22 to 02/02/22. Timezone: UTC+1.00

[Annual Darkness](#)
[Embed Forecast](#)
[Center](#)

Thursday **27** Waning Crescent 20%
 ▲ 05:08 ▼ 13:06

January 2022

SUN	MON	TUE	WED	THU	FRI	SAT
26	27	28	29	30	31	01
02	03	04	05	06	07	08
09	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

■ 138 Tolosa - 18:56
■ 1998 VV5 - 21:15

Link	Name	Type	Date ^{UTC}	Time ^{UTC}	Local	Ra	Dec	Exp.	Gain	Dur.
<input type="checkbox"/>	1997 PA4	Main-Belt	27 Jan	21:49	27 Jan 22:49	08h 37m 54s	+18° 41' 35"	200	30	04m00s

EAON EUROPEAN ASTEROIDAL OCCULTATION NETWORK	IOTA/ES INTERNATIONAL OCCULTATION TIMING ASSOCIATION EUROPEAN SECTION
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1 DATE: 2022/01/27 STAR: TYC 1395-01091-1 ASTEROID: 1997 PA4 N°: 65866

2 OBSERVER: Name: Vincent Cattelain
E-mail: cattelain.vincent@gmail.com

3 OBSERVING STATION: Nearest city: Oignies, France
Longitude: +002 58 52.8
Latitude: +50 28 00.4
Altitude (m): 78.0
Datum: WGS84

4 TIMING OF EVENTS:

EVENT REPORTED: NEGATIVE

Event Code	Time (UT) HH:MM:SS.ss	P.E. S.ss	Unc. S.ss	Comments
S	- 21:49:01.26	-	- 0.1500	
D	-	-	-	
R	-	-	-	
E	- 21:52:59.77	-	- 0.1500	
Duration : None				
Mid-event : 21:51:49.62				

5 TELESCOPE: Type: eVscope Aperture: 11 cm Magnification: F: 450 mm
Mount: Alt-Az Motor drive: Yes

6 TIMING & RECORDING:
Time source: NTP Internet
Sensor: IMX224 (CMOS)
Recording: eVscope software

7 OBSERVING CONDITIONS:
Atmospheric transparency: Wind: Temperature: 17°C
Star image stability: Minor planet visible:

8 ADDITIONAL COMMENTS:
CMOS detector 12 bits
Gain 0.07191 e/ADU
Integration time 0.2 s
Processed and Analyzed by Unistellar. paul.dalba@unistellar.com & franck.marchis@unistellar.com
eVscope by Unistellar <https://unistellaroptics.com>





DETECTION RESULT

OCCULTATION BY ASTEROID 1997 PA4

On the night of January 27th to 28th, 2022

Name: Vincent Cattelain Mail: c. [REDACTED] Location: (5[REDACTED].3)

PREDICTION:

Middle prediction time: 21:51:49.616
 Maximum duration: 1.1s
 Uncertainty: 4.0s
 Predicted magnitude drop: 7.25
 Orbit class: Main-Belt

Note : None

OBSERVATION:

Disappearance: None
 Reappearance: None
 Duration: None
 Exposure time: 0.2s
 Time accuracy: 0.1s
 Timing error: None

Result: NEGATIVE

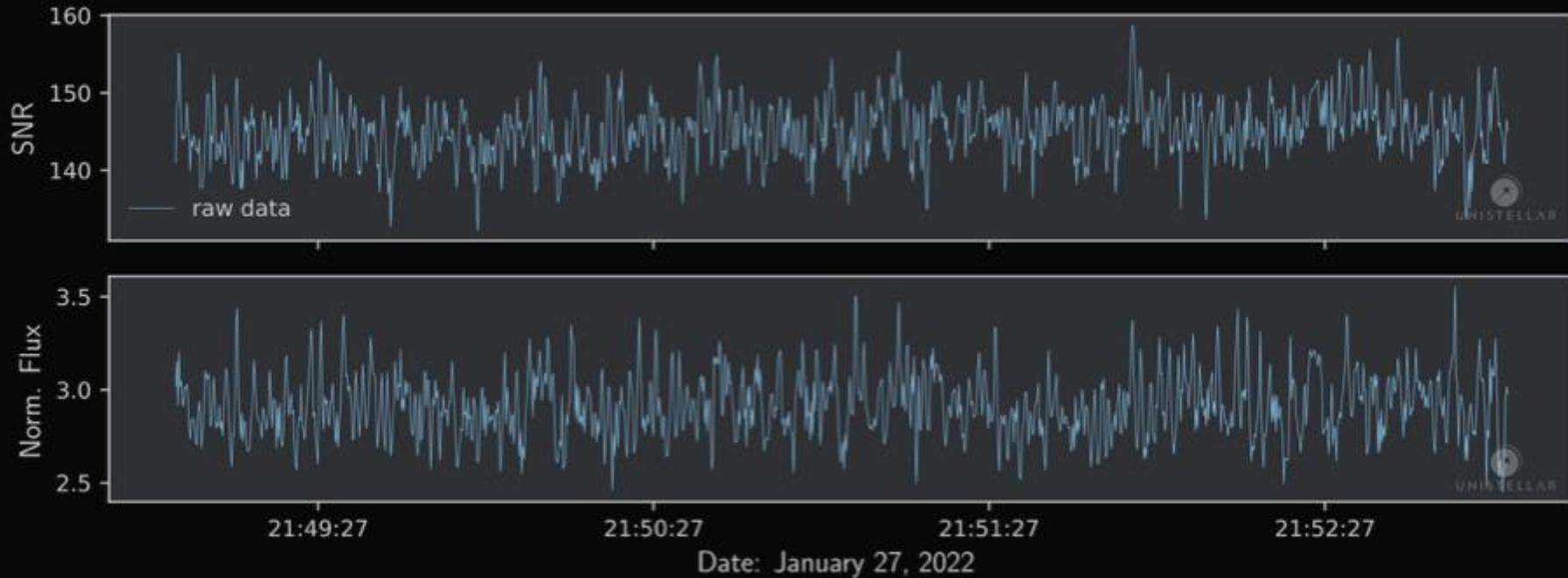
Total number of observers: 1
 Number of positive reports: 0
 Number of negative reports: 1

 Distance to centrality: 12km
 Between sigma lines: Yes





LIGHT CURVE RENDERING

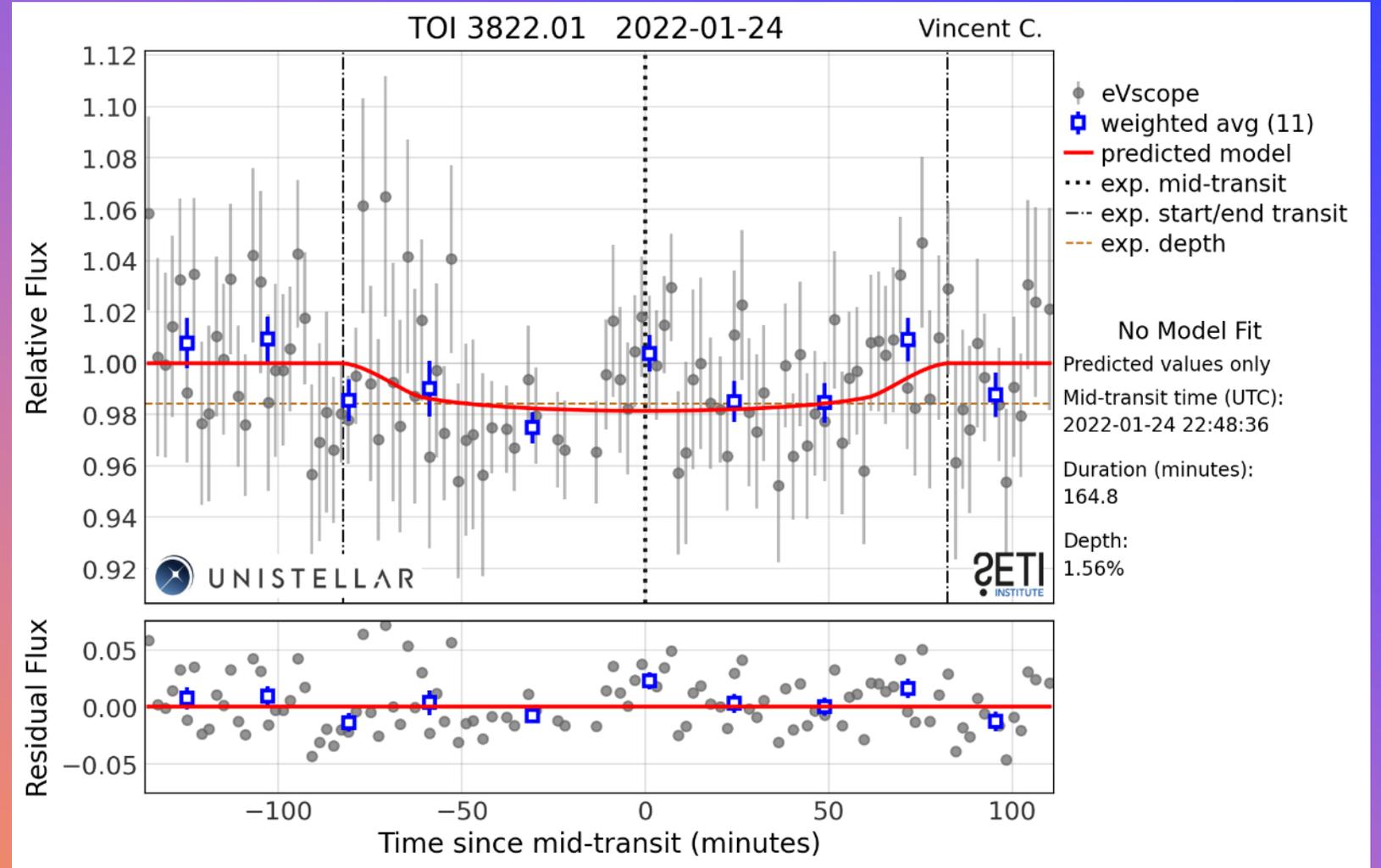


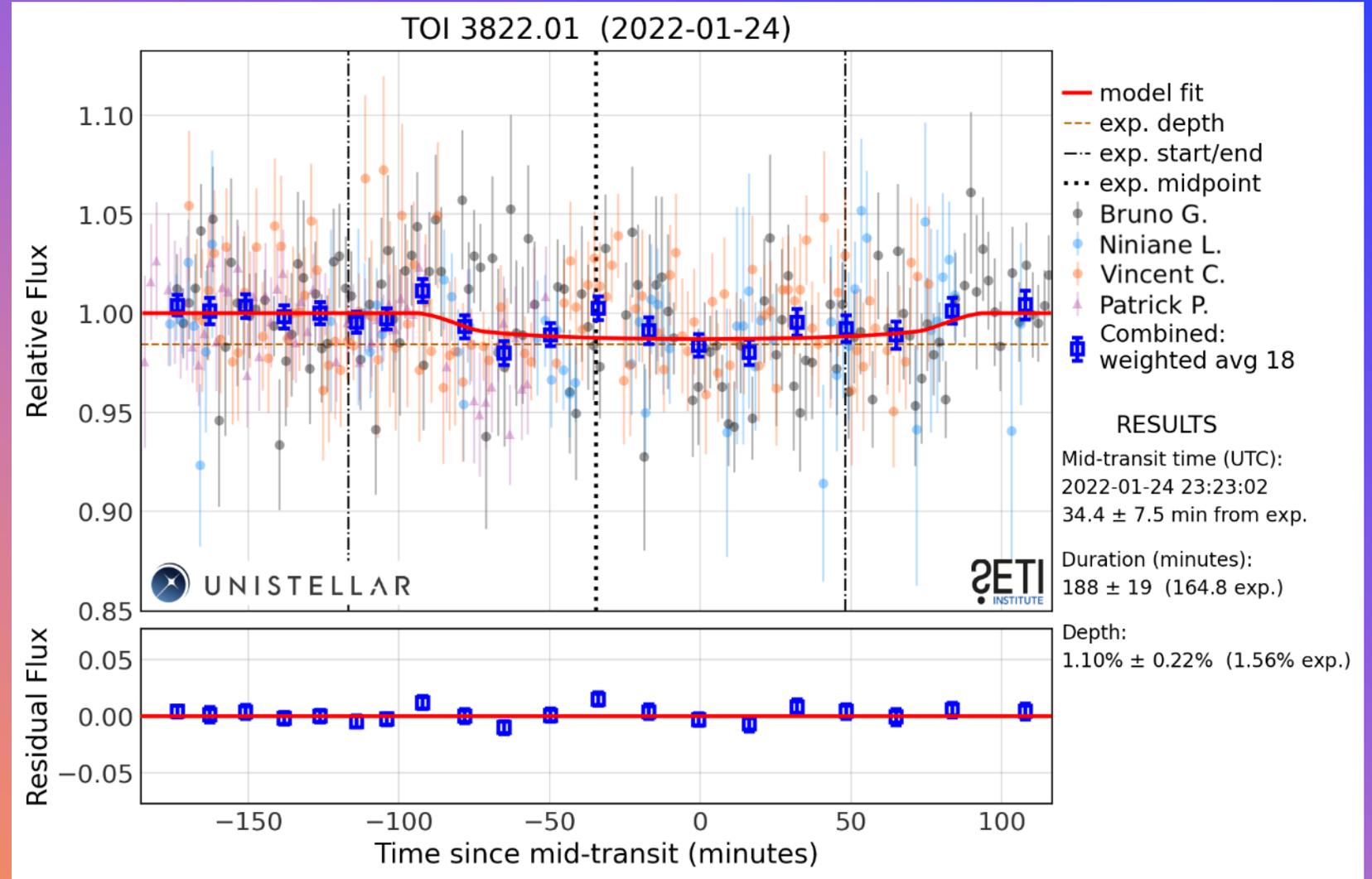


TOI 3822.01



La chasse aux exoplanètes
24 janvier 2022







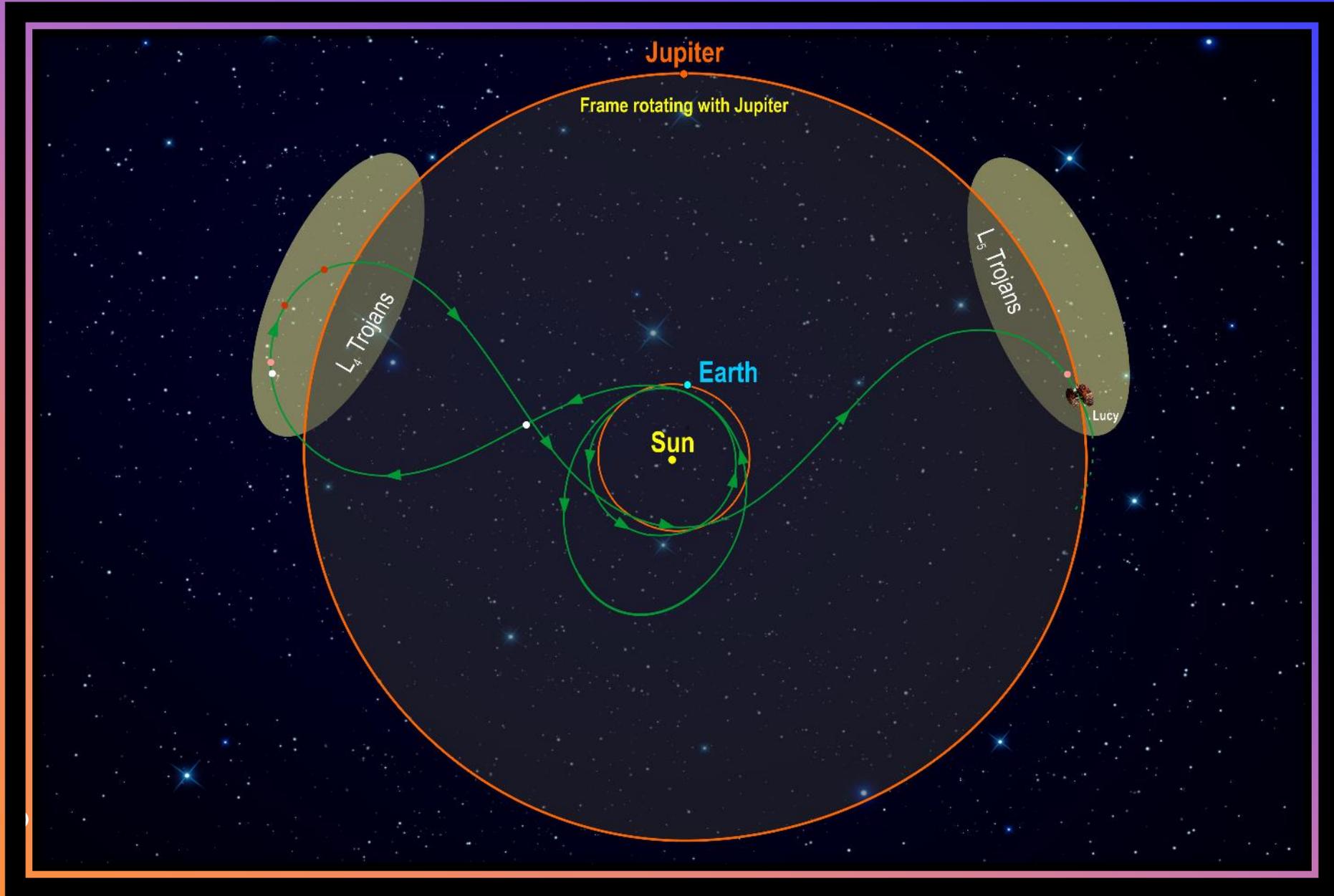
MISSION LUCY

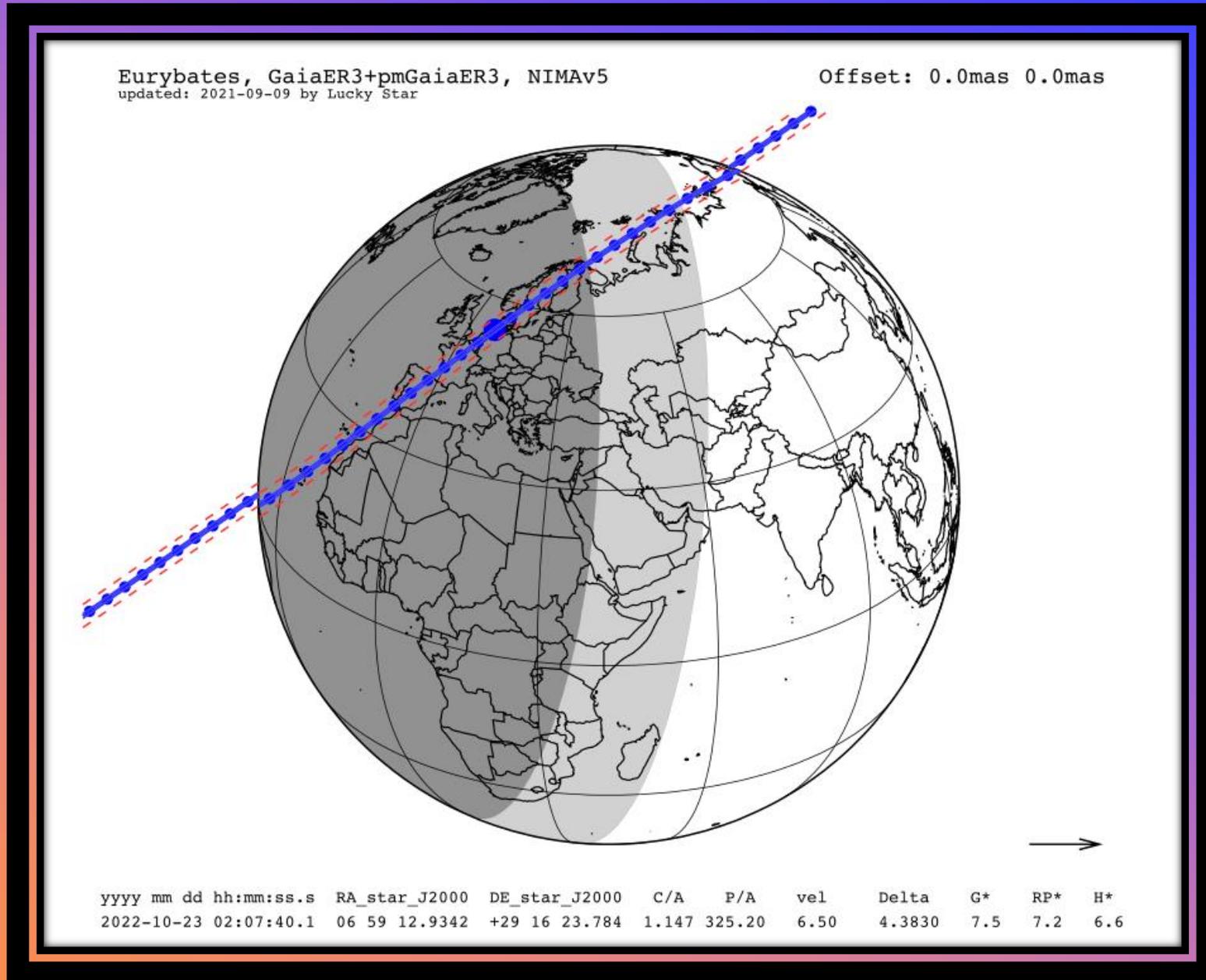
Quand la NASA demande un coup de main
octobre 2022

14/01/2023

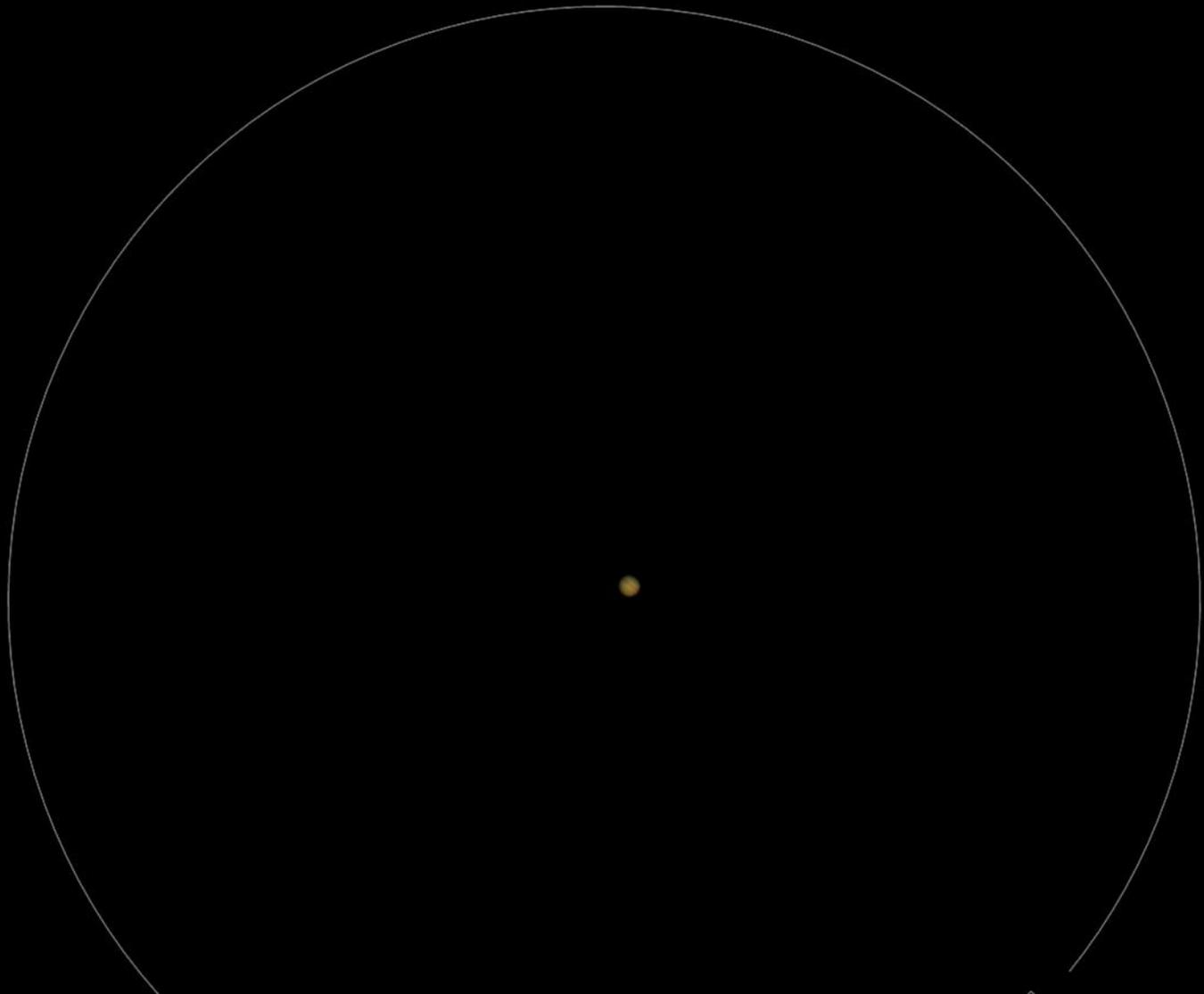
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UNISTELLAR - Jupiter - 3,82ms - 50°N 3°E - NOV. 22 2021



 UNISTELLAR - RA/Dec Inconnu - 1,36ms - 51°N 3°E - MAI 06







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