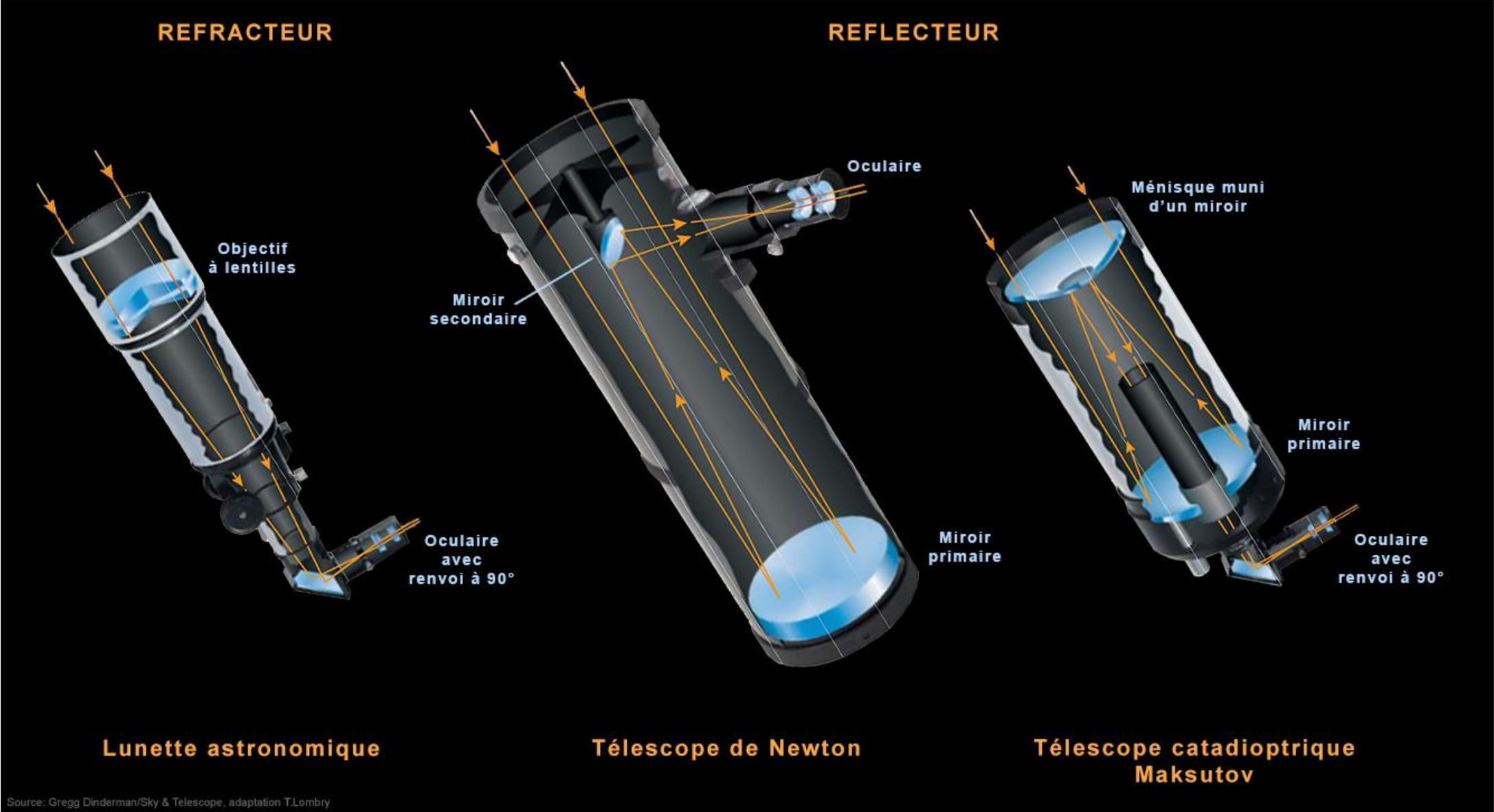




Réunion de rentrée en salle 05 Octobre

- Inscriptions et cotisations
- Tour de table (souhaits, propositions pour 2018/2019)
- Présentation du ciel d'automne (DVD, cartes du ciel)
- Projets d'observation (Calsky, iota es)
 - Occultations (Comment lire les éphémérides et préparer une observation)
 - Transit ISS devant la lune ou le soleil
 - Eclipse de lune Janvier 2019
 - Spectres d'étoiles connues
 - Comètes
- Projets de construction
 - Optimisation TLM 260
 - Matériel pédagogiques
 - Autres idées
- Rappels pratiques
 - commentaire procédure T300 Bélesta
 - comment mettre en œuvre chaîne d'acquisition vidéo + GPS pour dater avec précision une observation (démonstration)
- Autres



Source: Gregg Dinderman/Sky & Telescope, adaptation T.Lombry

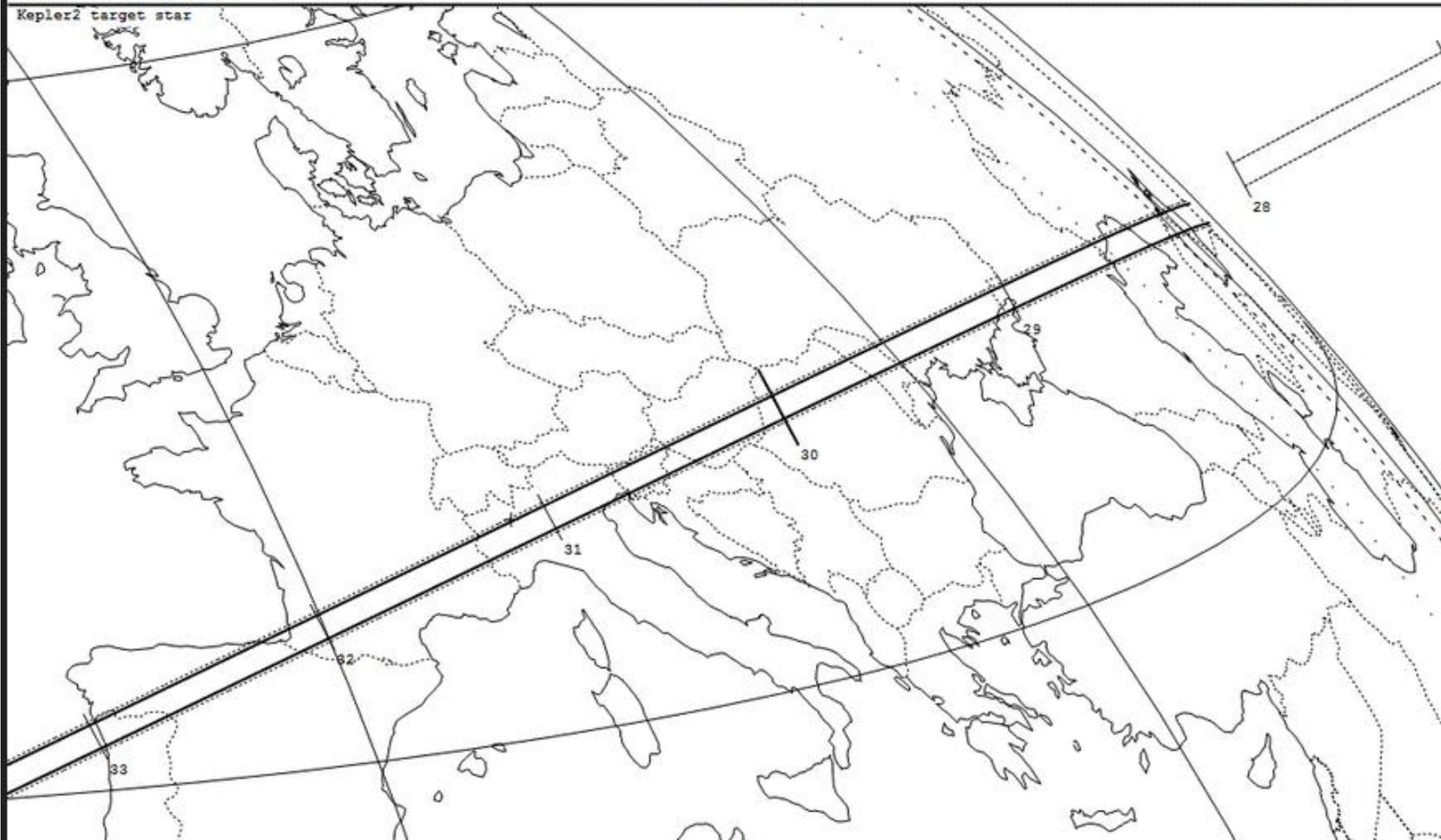
43 Ariadne occults TYC 0608-00697-1 on 2018 Oct 17 from 1h 28m to 1h 49m UT

Star:
Mag V = 12.1
RA = 0 58 26.8134 (J2000)
Dec = 12 24 57.000
[of Date: 0 59 26, 12 31 2]
Prediction of 2018 Oct 3.0

Max Duration = 6.6 secs
Mag Drop = 0.21 (0.00r)
Sun : Dist = 172"
Moon: Dist = 81"
: illum = 53 %
E 0.017"x 0.010" in PA 69

Asteroid: (in DAMIT, ISAM)
Mag = 10.4
Dia = 65km, 0.074"
Parallax = 7.268"
Hourly dRA = -2.435s
dDec = -18.97"

Kepler2 target star



IOTA/IOTA-ES occultation update for
(43) Ariadne / TYC 0608-00697-1 event on 2018 Oct 17, 01:38 UT
Visible from Russia, Europe, Central America

Summary

On 2018 Oct 17 UT, the 65.3 km diameter asteroid (43) Ariadne will occult a 12.1 mag star in the constellation Pisces for observers along a path across Russia, Europe, Central America.

In the case of an occultation, the combined light of the asteroid and the star will drop by 0.20 mag to 10.41 mag (the magnitude of the asteroid) for at most 6.6 seconds.

This update is based on UNSO/Flagstaff astrometry for the asteroid kindly provided by Hugh Harris, astrometry for the asteroid kindly provided by Bill Owen, astrometry for the asteroid kindly provided by the IAU Minor Planet Center.

This work has made use of data from the European Space Agency (ESA) mission Gaia (<http://www.cosmos.esa.int/gaia>), processed by the Gaia Data Processing and Analysis Consortium (DPAC, <http://www.cosmos.esa.int/web/gaia/dpac/consortium>). Funding for the DPAC has been provided by national institutions, in particular the institutions participating in the Gaia Multilateral Agreement.

The event at a glimpse

-
- * Rank: 99
 - * date and approx. time of event: 2018 Oct 17, 01:27 - 2018 Oct 17, 01:49
 - * geocentric midpoint of event [JD]: 2458408.56843750
 - * magnitude of target star: 12.12
 - * magnitude drop [mag]: 0.20
 - * estimated maximum duration [s]: 6.6
 - * Moon: 52 % sunlit, 82° distance
 - * Sun: 172° distance
 - * rough path description: Russia, Europe, Central America

Additional comments

low mag drop

Path Coordinates:

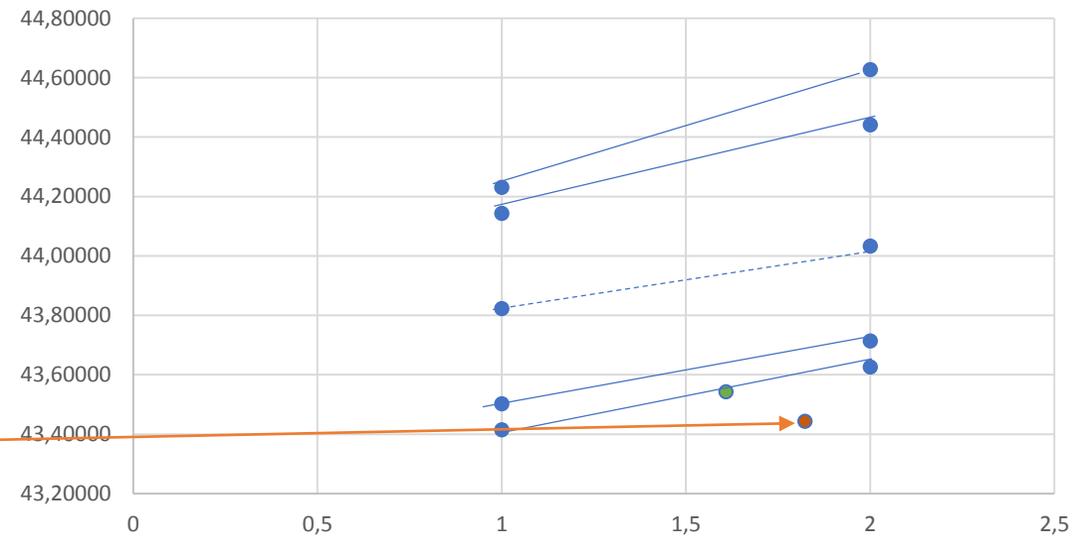
Occultation of TYC 0608-00697-1 by 43 Ariadne on 2018 Oct 17

E. Longitude			Centre Latitude			U.T.			Star Alt	Star Az	Sun Alt	Path Limits			Error Limits		Alt Crn							
o	'	"	o	'	"	h	m	s	o	o	o	o	'	"	o	'	"	o	'	"	o	'	"	
												Latitude			Latitude									
0	0	0	43	34	29	1	32	0	48	234	-49	43	53	48	43	15	13	43	59	3	43	9	59	-0.31
1	0	0	43	47	31	1	31	53	47	234	-48	44	6	47	43	28	17	44	12	1	43	23	5	-0.31
2	0	0	44	0	9	1	31	47	46	235	-47	44	19	22	43	40	58	44	24	36	43	35	46	-0.31
3	0	0	44	12	23	1	31	41	46	236	-47	44	31	33	43	53	14	44	36	46	43	48	3	-0.31
4	0	0	44	24	12	1	31	35	45	237	-46	44	43	20	44	5	6	44	48	32	43	59	55	-0.31



				I	Ldec
L1C	43	49	20	1	43,82222
L1LL	43	24	53	1	43,41472
L1UL	44	13	50	1	44,23056
L1U	44	8	36	1	44,14333
L1L	43	30	6	1	43,50167
L2C	44	1	59	2	44,03306
L2LL	43	37	35	2	43,62639
L2UL	44	26	26	2	44,44056
L2U	44	37	35	2	44,62639
L2L	43	42	47	2	43,71306
Obs belestá				1,82	43,4428
Obs SFA				1,61	43,5424

Latitude (N)



Longitude (E)