Dear all,

Hektor is the biggest Trojan object and is known to have an irregular
shape, probably a contact binary. Many studies have been made to
characterize this object, but many questions are still open.

It will occult a 9.8 magnitude star on the night of the 27 to 28 of
August, event that can be observed from Portugal, Spain, Italy, and
Florida/USA. Prediction should be very accurate, but the shadow may be
bigger than the one showed on the prediction map which presents the
equivalent size (225 km) while the longest axis can have 400 km.

The Tycho double star catalog shows two entries for the star
coordinates, but Gaia DR2 (or elsewhere\*) shows no evidence of
duplicity for this star, so this may be a false entry in Tycho Double
star catalog (?).

More information can be found here:
<http://lesia.obspm.fr/lucky-star/occ.php?p=18675>

Clear skies and see you soon at ESOP.

Felipe.

\*ps- Dave Herald has observed an occultation of this star by the moon,
and it seems that there is no evidence of duplicity.
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