

New Features of GRAZPREP

With the LRO/LOLA lunar profile data as calculated by Dietmar Buettner, Germany, and provided for the use in GRAZPREP it is now possible not only to increase the prediction quality but also to revise former grazing occultation reports. GRAZPREP has a special tool that allows an easy graphical checking of occultation timings against a highly enlarged lunar rim. The possibilities and limitations of this procedure are discussed.

Now shortly before the first release of the GAIA-catalogue the stellar positions as well as the uncertainties related to stellar double and multiple systems are another obstacle to the precision of prediction and evaluation. According to a request of GAIA-project officials GRAZPREP will be used to confirm the precision of the GAIA-positions once they are available.

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