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## EANweb NEWSLETTER Astronomy: WORLDS OF THE SKY event, please note that the event of 13th February, has been postponed to 20th February!

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### EANweb NEWSLETTER 10th February 2010 European Astrosky Network - Italy

(a cura di Rodolfo Calanca e Angelo Angeletti)

[www.crabnebula.it/rc/menu\\_EAN.htm](http://www.crabnebula.it/rc/menu_EAN.htm)Web-TV: [www.livestream.com/eanty](http://www.livestream.com/eanty)

### WORLDS OF THE SKY event: please note that the event of 13th February has been postponed to 20th February! 20th FEBRUARY ON WEB-TV and CHAT: [www.crabnebula.it](http://www.crabnebula.it)

At present (Feb 10) meteorological forecasts for Feb 13 are quite bad for most of Italy and Europe. Therefore we think it is better to post-pone our observing event on **Feb 20**, when **the transit of an extrasolar planet, GJ436b**, just after 22 UT, can be followed for about one hour. Moreover the night will be enlightened by the crescent Moon and Mars, making the observations even more amusing. The whole program will be broadcasted from the Brera Astronomical Observatory on the web.

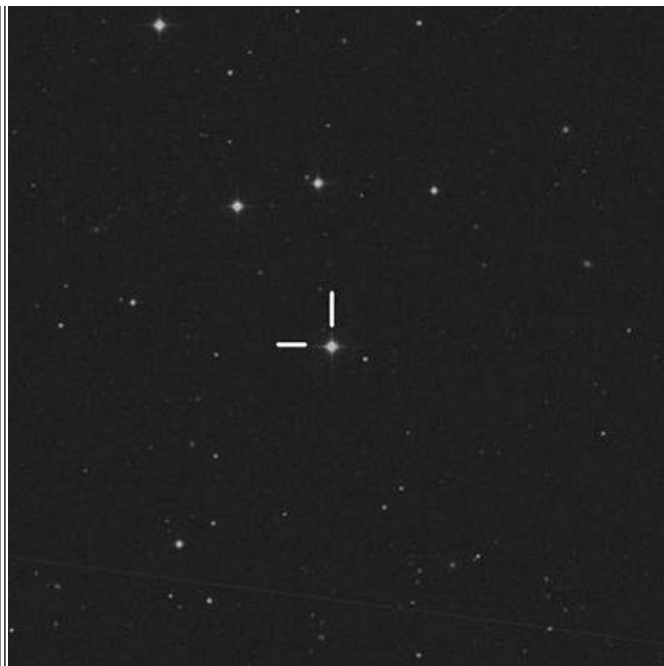
**In the still possible case that on Feb 13 the weather will be fine, we anyway encourage you all to perform your observations. We will collect all of them.**

#### Observing Program on Feb 20: ON WEB-TV and CHAT: [www.crabnebula.it](http://www.crabnebula.it)

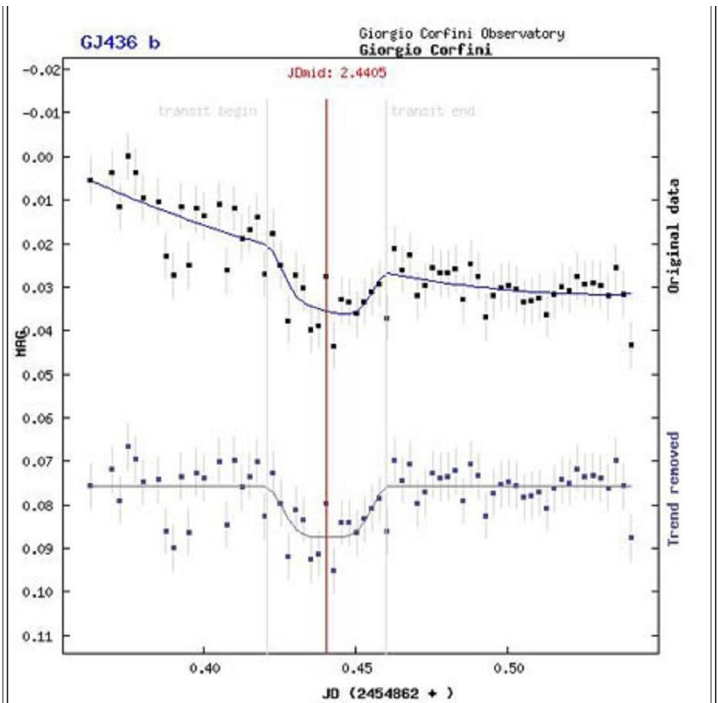
- **20:00 - 21:00 UT:** Let us point to the Moon! The astronomers from Brera will follow our satellite commenting its main features.
- **21:00 - 22:00 UT:** Let us point to Mars! The astronomers will show us Mars.
- **22:00 - 23:30 UT:** Observations of GJ436b transit (which is supposed to begin at 22:15 UT) and will last slightly longer than one hour.

GJ436b EXTRASOLAR PLANET TRANSIT  
RA (J2000): 11 42 10.01, DE (J2000): +26 42 37,  
V = 10.68 mag, dV = 0.009 mag, duration = 62 minutes

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GJ436, FOV: 15'x15'

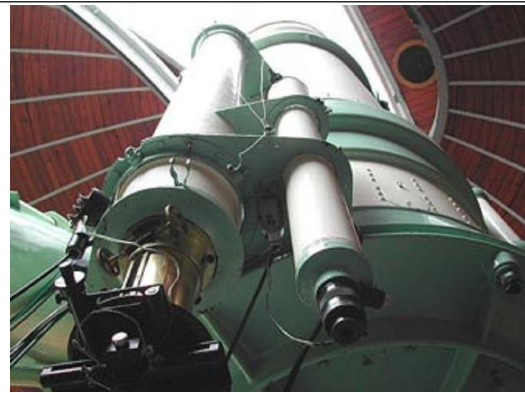


GJ436b transit observed by Giorgio Corfini (Italy), 114 mm reflector + CCD

**20th February: the telescopes of the Brera Astronomical Observatory (Italy) will be devoted to the observing program "WORLDS OF THE SKY" event on web-TV: [www.crabnebula.it](http://www.crabnebula.it)**



The Ruths 134cm telescope used for the observations of the GJ436b transit.



The 20cm guide telescope equipping the 1m Zeiss telescope. With a webcam it will be used for observing the Moon and Mars.

#### LINKS OF "WORLDS OF THE SKY" PROJECT

- INAF - Brera Astronomical Observatory: [www.mi.astro.it/](http://www.mi.astro.it/)
- INAF - Palermo Astronomical Observatory: [www.astropa.unipa.it/](http://www.astropa.unipa.it/)
- Info technical informations in english: [www.crabnebula.it/web/doc\\_transits/index.htm](http://www.crabnebula.it/web/doc_transits/index.htm)
- <http://exoplanet.eu/>
- Info extrasolar planet transit of Czech Astronomical society: <http://var2.astro.cz/ETD/index.php>
- AAVSO extrasolar observing: [www.aavso.org/observing/programs/ccd/transitsearch.shtml](http://www.aavso.org/observing/programs/ccd/transitsearch.shtml)
- Bruce Gary tutorial: [http://brucegary.net/tutorial\\_exoplanet/](http://brucegary.net/tutorial_exoplanet/)
- Italian webzine L'ASTROFILO: [www.astropublishing.com/](http://www.astropublishing.com/)
- SKYLIVE Project (english): [www.skylive.it/skylive-new/index.php?lan=en](http://www.skylive.it/skylive-new/index.php?lan=en)
- Poland page: [http://www.astroamator.info/astronomia\\_educacyjna\\_-\\_tranzyt\\_xo-3b\\_dla\\_merate/projek\\_zaproszenie\\_i\\_informacje\\_podstawowe.html](http://www.astroamator.info/astronomia_educacyjna_-_tranzyt_xo-3b_dla_merate/projek_zaproszenie_i_informacje_podstawowe.html)
- Bareket Observatory, Israel: [www.bareket-astro.com](http://www.bareket-astro.com)



An initiative promoted by:  
 BRERA and PALERMO INAF ASTRONOMICAL OBSERVATORIES - ITALY  
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