



EANweb NEWSLETTER 18th February 2010

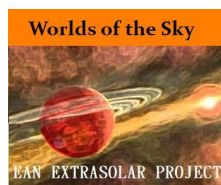
European Astroscopy Network - Italy

(a cura di Rodolfo Calanca e Angelo Angeletti)

www.crabnebula.it/rc/menu_EAN.htm

Web-TV: www.livestream.com/eantv

Youtube Video: http://www.youtube.com/my_videos?pi=0&ps=20&sf=viewcount&sa=0&dm=1



WORLDS OF THE SKY event: please note that the event of 20th February has been postponed to 10th April!

10th APRIL: EXTRASOLAR TRANSIT ON WEB-TV and CHAT: www.crabnebula.it




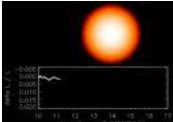
Dear Friends,

weather forecasts are still quite bad for Northern Italy and therefore we are forced to again post-pone the extra-solar planet transit observation we are organizing. We are sorry for these continuous program changes but of course you understand these are not dependent on us!

Observing Program on Apr 10: LIVE ON THE WEB-TV and CHAT:

www.crabnebula.it/web/diretta_brera

English language for foreign users

<p>10th APRIL 20:00 - 20:20 UT: the astronomers they will describe the activities of the INAF Brera-Merate Observatory and they will show the instrumentation that will be used for the observations of the evening.</p>	
<p>20:20 - 20:50 UT: we will observe the planet Mars with the 20 centimeters refractor of the telescope Zeiss, to which a webcam will have been applied. The astronomers will answer to all the questions that the listeners will make to reach in chat.</p>	
<p>20:50 - 21:30 UT: it will be observed, always on live web, the planet Saturn with the refractor of 20 centimeters. Also in this case the astronomers will answer to all the questions of the listeners.</p>	
<p>21:30 UT: we will connect us with the dome of the telescope Ruths of 134 centimeters of diameter to follow on the web, the transit of the extrasolar planet HAT-P-3b. The astronomers will introduce the problem of the</p>	

“Plurality of the Worlds”, that has fascinated the humanity since the times of the ancient Greek. The transits of the extrasolar planets will be described, he will respond to the questions of the public and it will be commented the light curved of the transit of HAT-P-3b

The LIVE ON THE WEB will finish to the **00:30 UT**



AN INVITATION TO WATCH

20th FEBRUARY: THE TRANSIT OF EXTRASOLAR PLANET GJ436b FROM EUROPEAN ASTRONOMICAL OBSERVATORIES

ALL AMATEURS ARE WARMLY INVITED TO SHOOT THE TRANSITS WITH PROPER TELESCOPES!

"WORLDS OF THE SKY" Project intends to approach the great but inexperienced public wishing to visit our Observatories as astronomy “fans” and to watch live an extra solar planet transit. In details, on next 20th February (starting at 07.00 p.m.) many Italian and European Observatories will place their instrumentation at public’s disposal to “observe” GJ436b planet.

The Italian astronomer Stefano Covino (Osservatorio Astronomico INAF di Brera - www.mi.astro.it) writes:

"Observing extra-Solar planet transits is a valuable scientific tool. However, even more than that, it is a fascinating way to look at other worlds. The existence of planets around other stars beyond our Sun has been conjectured since the beginning of human history, and the same idea has also been able to raise fundamental enthusiasms and criticisms in equal percentage. Philosophy, theology and even psychology have been involved to explain the importance of this recurrent idea in human history. Here, we review how since the Hellenistic era the hypothesis of many worlds developed and also describe an international event we are organizing with the aim to secure multi-site observations of a planet transit. WORLDS OF THE SKY Project is an example of science in the internet era".

VERY IMPORTANT:

We have prepared a database to collect all the available information (data and results) about the extra-solar planet transit. You can upload FITS files, set of zipped FITS files, text files and set of zipped text files:

<http://www.brera.inaf.it/interroga/dbServer?cmd=xo3b>

Results of your photometry can be communicated following any format you like. We anyway encourage you to follow the AVVSO extended format (<http://www.aavso.org/observing/submit/extended.shtml>).

The finally collected data will be available to everybody and managed by the "Terre del Cielo (Worlds of the Sky) organization. You can freely refer to them for any possible use.

In order to access the database you need to register sending an e-mail to Angelo Angeletti (angelo.angeletti@virgilio.it), Stefano Covino (stefano.covino@brera.inaf.it), Rodolfo Calanca (rodolfo.calanca@gmail.com) and Paolo D'Avanzo (paolo.davanzo@brera.inaf.it).

REMEMBER: 20th February, 21:45 UT to 23:45 UT
LIGHT CURVE EXTRASOLAR TRANSIT GJ436b:
www.crabnebula.it/web/diretta_brera

LINKS OF "WORLDS OF THE SKY" PROJECT

- INAF - Brera Astronomical Observatory: www.mi.astro.it/
- INAF - Palermo Astronomical Observatory: www.astropa.unipa.it/
- Info technical informations in english: 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
- Bruce Gary tutorial: http://brucegary.net/tutorial_exoplanet/
- Italian webzine L'ASTROFILO: www.astropublishing.com/
- SKYLIVE Project (english): www.skylive.it/skylive-new/index.php?lan=en
- Poland page: http://www.astroamator.info/astrologia_educacyjna_-_tranzyt_xo-3b_dla_merete/projek_zaproszenie_i_informacje_podstawowe.html
- Bareket Observatory, Israel: www.bareket-astro.com

An initiative promoted by:

BRERA and PALERMO INAF ASTRONOMICAL OBSERVATORIES - ITALY

EAN web community

CRAB NEBULA Astronomical Association

webzine L'ASTROFILO

SKYLIVE no-profit Association

Bareket Observatory

