Exoplanet Live!

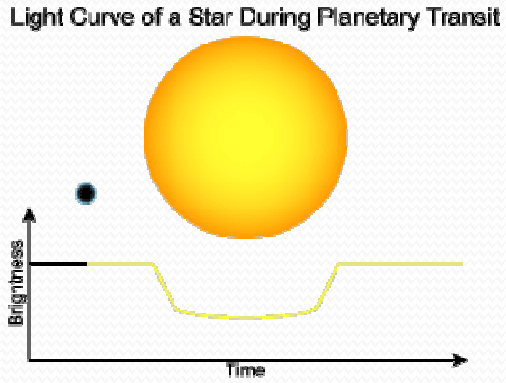
SOME OBSERVATORIES OPEN TO THE PUBLIC FOR THE TRANSIT OF XO-2b

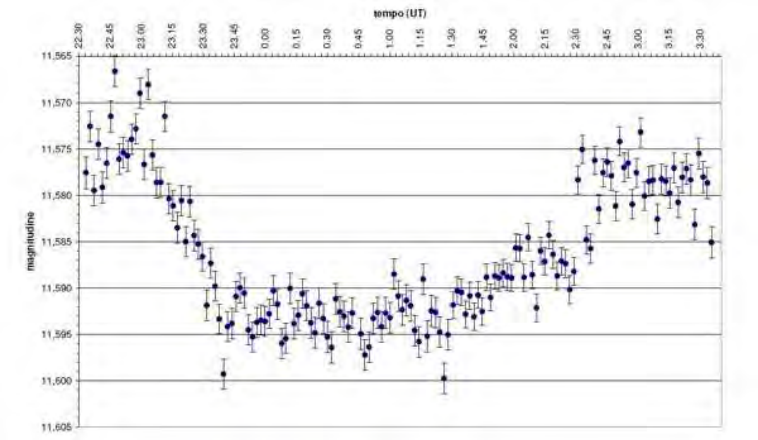
SKYLIVE Observatory (CT) – remotely controlled

Cervarezza Observatory (RE)

Exoplanet Live!

HOW WE WILL IMAGE THE TRANSIT AND SHOW IT TO THE PEOPLE





By using the telescopes shown in the previous slides, equipped with digital devices (e.g., CCDs), we will be able to measure the drop in brightness from the star hosting the planet

XO-2b

The plot showing XO-2b's transit on 27 February, 2008 will be very similar to WASP-1's, another exoplanet shown here at left. (Imaging performed on 14 September, 2007 at Monte d'Aria Observatory)

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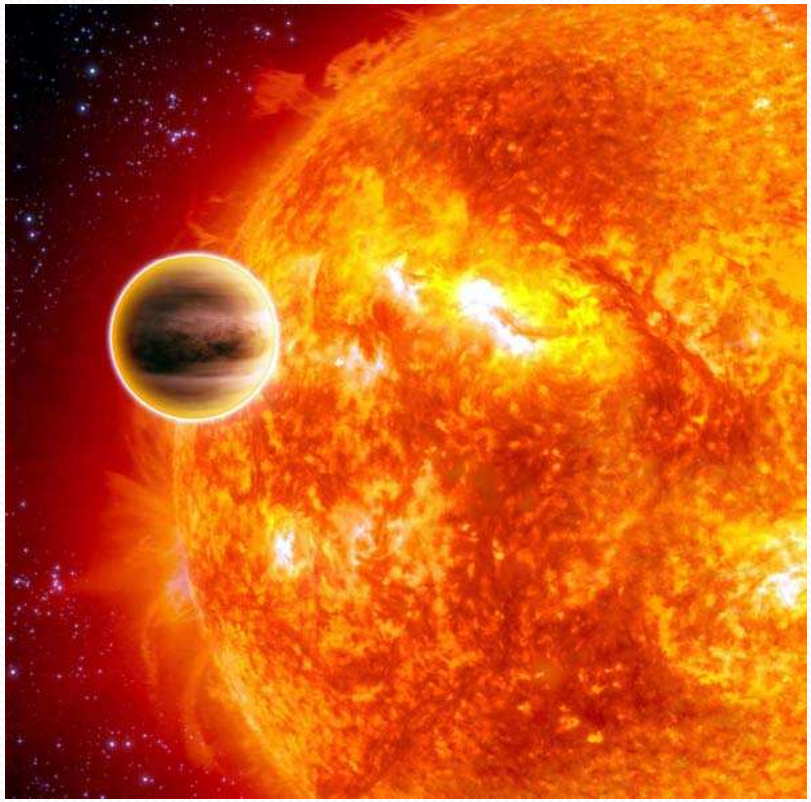
FOR COMPARISON, HERE'S AN ARTIST'S IMPRESSION DISPLAYING THE BEGINNING OF THE TRANSIT



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THE SIGNIFICANCE OF THE PROPOSED OBSERVATION GOES WELL BEYOND ITS MERE SCIENTIFIC VALUE...

Only nowadays - and for the first time in history - we are able to get an irrefutable proof of the existence of *other* planets circling *other* stars.

SUCH A RESULT IS OF PARAMOUNT IMPORTANCE. IT WILL ENABLE US TO TAKE A DECISIVE STEP FORWARD TOWARDS THE DISCOVERY OF LIFE ON OTHER WORLDS – AND VERY DISTANT ONES!