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# EXTRASOLAR PLANETS

discovering new worlds



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"la Caixa" Foundation



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# Extrasolar Planets— discovering new worlds

*They're out there!*

Produced by

and



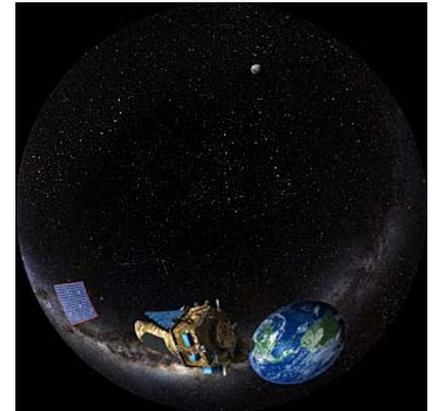
"la Caixa" Foundation

We live on a small planet that revolves around a medium sized yellow star. It is just one among many stars that make up the Milky Way Galaxy. And yet, our star is special. It has planets. Are there planets that orbit other stars? If so, are any of them habitable worlds like Earth? If life developed on our planet, could it arise elsewhere? How can we find those other planets?

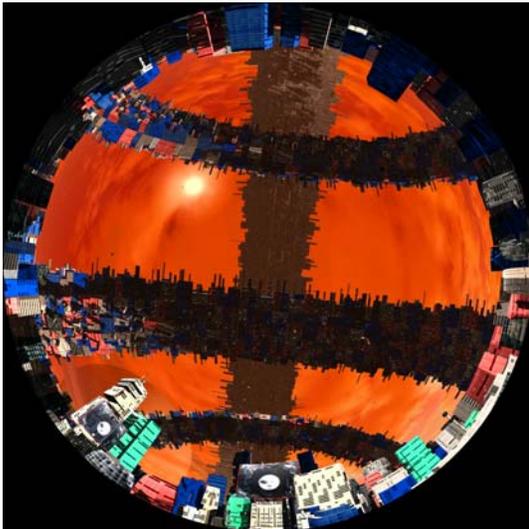
These are the questions that drive teams of astronomers around the world, on their search for extrasolar planets. In their latest fulldome show, *Extrasolar Planets – discovering new worlds*, the creative minds at Albedo Fulldome in cooperation with the Planetarium of the Science Museum "La Caixa", take audiences on a journey of scientific discovery and deep space exploration.

This exciting new show describes how astronomers search for planets circling other stars. It explains the two main methods they use: studying the minute "wobbles" of stars and detecting flickers in a star's brightness. Only a few Earth-like planets have been found, and as of yet, no extraterrestrial life has been found on any of the worlds discovered so far. Yet, it's likely to be only a matter of time before a world teeming with life shows up in astronomy surveys of stars in our galactic neighborhood.

Right now, we know of only one world where life exists: ours! But it is likely there are other places in the galaxy where life has evolved and thrived. What if that life is intelligent? Has it tried to contact us? This show speculates on the possibility of such life, and points out nearby civilizations may already know about us — from our radio and TV broadcast signals.



*Extrasolar Planets – discovering new worlds* is an imaginative exploration into the discoveries of new worlds beyond our Sun, the possibilities that they might be habitable, and the chances that any of those worlds harbor intelligent life. With the success of such planet finder missions as Kepler and CoRoT, detecting alien life may no longer be the stuff of science fiction!



Running time: **30:00**  
 Suitable for: **General public**  
 Information about: **Exoplanets, Astronomy**  
 Year of production: **2013**

PRICES INCLUDE encoding/formatting and slicing for most fulldome systems. Contact us for details.

<i>Extrasolar Planets – discovering new worlds, 2-year license</i>			
Product Code	Movie Size	For systems projecting circles that are:	Price
ANT5-S2	SMALL	smaller than 1300 pixels	\$930
ANT5-M2	MEDIUM	1300 to 2000 pixels (or prewarped)	\$2,660
ANT5-L2	LARGE	2000 to 3000 pixels	\$3,715
ANT5-X2	X-LARGE	larger than 3000 pixels (or sliced for multiple projectors)	\$6,190

<i>Extrasolar Planets – discovering new worlds, 50-year license</i>			
Product Code	Movie Size	For systems projecting circles that are:	Price
ANT5-S	SMALL	smaller than 1300 pixels	\$2,105
ANT5-M	MEDIUM	1300 to 2000 pixels (or prewarped)	\$4,335
ANT5-L	LARGE	2000 to 3000 pixels	\$7,925
ANT5-X	X-LARGE	larger than 3000 pixels (or sliced for multiple projectors)	\$10,525

Available in **3D Stereo** - add **20%**



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Revised 28 February 2017