

Script for ECL 264: Balsalobre-Ruza ALMA tentative co-orbital

ESOcast Light 264	
[Visual starts] New ESOcast intro	New ESOcast introduction
Title: Does this planet have a “sibling” sharing the same orbit?	
1. Using ALMA , astronomers have found a possible “sibling” to a planet orbiting the distant star PDS 70 .	
2. The team detected a cloud of debris in one of the regions of the planet’s orbit where a "sibling" planet would be expected to exist trapped by the gravity of the star and the planet.	
3. The debris could be the building blocks of a new planet , or the remnants of a planet already formed .	

<p>4.</p> <p>If confirmed this would be the strongest observational evidence yet that two planets can share the same orbit.</p>	
<p>[Outro]</p>	<p><i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i></p>
<p>[Thumbnail]</p>	
	<p>Also interesting:</p> <p>Add 2 YouTube links here</p> <p>https://youtu.be/JYCKQWEOywY https://youtu.be/ZmUCm1O1vuY</p>