

Script for ESOcast Light 229: Planet-forming Disc Torn Apart by its Three Central Stars

ESOcast Light 229	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
Title: Planet-forming Disc Torn Apart by its Three Central Stars	
<p>1. Using ESO's Very Large Telescope and ALMA, astronomers observed the peculiar GW Orionis...</p> <p>...revealing that this triple-star system is surrounded by a warped planet-forming disc.</p>	
<p>2. Many planets, like those in our Solar System, form from flat discs and orbit in the same plane...</p> <p>...but the movements of GW Orionis' central stars have caused its disc to warp and tear apart.</p>	
<p>3. The result is a misshapen disc with an inclined inner ring that contains 30 Earth-masses of dust.</p>	
<p>4. This research suggests exotic planets may form in inclined rings in bent discs around multiple stars.</p>	
<p>5. The future ESO Extremely Large Telescope will be able to search for this new population of strange exoplanets.</p>	
[Outro]	<p><i>Produced by ESO, the European Southern Observatory.</i></p> <p><i>Reaching new heights in Astronomy.</i></p>

