

Script for ESOcast Light 137: Temperate Planet Orbiting Quiet Red Dwarf

ESOcast Light 137: Temperate Planet Orbiting Quiet Red Dwarf	
<p>[Visual starts]</p> <p>New ESOcast intro</p>	<p>New ESOcast introduction Incl ESO logo</p>
<p>Title: ESOcast Light: Temperate Planet Orbiting Quiet Red Dwarf</p>	
<p>1. ESO's exoplanet hunter, HARPS, has discovered a temperate planet just 11 light-years from Earth.</p>	<p>Video new of the new system.</p>
<p>2. This new world is named Ross 128 b. It's the second-closest temperate planet known, after Proxima b.</p>	
<p>3. It is also the closest planet to be discovered orbiting an inactive red dwarf.</p> <p>The star Ross 128 is quieter than Proxima Centauri, which is prone to flares of X-rays and ultraviolet light.</p>	
<p>4. The inactive nature of Ross 128 could increase the likelihood this planet could potentially sustain life.</p>	
<p>5. Estimates suggest that the Ross 128 b planet may have a temperature close to that of the Earth.</p>	
<p>6. It will be a prime target for ESO's Extremely Large Telescope, which may be able to search for biomarkers, including oxygen.</p>	
<p>00:00 [Outro]</p>	<p><i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i></p>