

# Script for ESOcast 189 Light: World's Largest Array of Gamma-Ray Telescope comes to Paranal

<p><b>ESOcast Light XX: World's Largest Array of Gamma-Ray Telescopes comes to Paranal</b></p>	
<p>[Visual starts]</p> <p><b>New ESOcast intro</b></p>	<p>New ESOcast introduction</p>
<p><b>Title: World's Largest Array of Gamma-Ray Telescopes Comes to Paranal</b></p>	
<p>1. ESO's Paranal Observatory will host and operate the southern array of the world's <b>largest and most sensitive</b> array of gamma-ray telescopes.</p>	
<p>2. <b>99 telescopes of the southern Cherenkov Telescope Array (CTA)</b> will be constructed by the CTA Observatory in the pristine observing conditions of the Chilean Atacama Desert.</p> <p>Another 19 telescopes will be on the island of La Palma in the Canary Islands.</p>	
<p>3. Gamma rays are emitted by the <b>hottest and most powerful objects</b> in the Universe.</p>	
<p>4. When gamma rays hit the atmosphere, they produce <b>flashes of eerie blue light...</b></p> <p>...which will be captured by CTA's mirrors and high-speed cameras.</p>	
<p>5. CTA will try to understand the <b>most puzzling astronomical mysteries...</b></p> <p>... supermassive black holes, supernovae, and <b>even dark matter itself.</b></p>	
<p><b>00:00</b></p>	<p><i>Produced by ESO, the European Southern</i></p>

**[Outro]**

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Reaching new heights in Astronomy.*