

# Script for ESOcast 207 Light: Enigmatic Radio Burst Illuminates a Galaxy's Tranquil Halo

<b>ESOcast 207 Light</b>	
<b>[Visual starts]</b>	
<b>New ESOcast intro</b>	New ESOcast introduction
<b>Title: Enigmatic Radio Burst Illuminates a Galaxy's Tranquil Halo</b>	
1. ESO's Very Large Telescope has clarified that a <b>fast radio burst</b> passed through a <b>galactic halo</b> .	
2. A fast radio burst is a blast of <b>radio waves</b> that lasts <b>less than a millisecond</b> .	
3. It was first detected by the <b>Australian Square Kilometre Array Pathfinder</b> (ASKAP).	
4. Quick follow-up observations with the VLT <b>revealed the precise path</b> of the radio waves.	
5. They have passed through a <b>galactic halo</b> , the vast low-density gas that <b>surrounds a galaxy</b> .	
6. Astronomers expected that the galactic halo would <b>distort</b> the radio waves...	
7. ...but the signal was <b>virtually unaltered</b> showing that this halo is <b>surprisingly tranquil</b> .	
<b>00:00</b>	<i>Produced by ESO, the European Southern</i>

**[Outro]**

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