

Script for ESOcast Light 260: A new view of M87's supermassive black hole

ESOcast Light 260	
[Visual starts] New ESOcast intro	New ESOcast introduction
Title: First image of a black hole expelling a powerful jet	
1. With the help of ALMA , astronomers have obtained a new image of the supermassive black hole at the centre of the M87 galaxy.	
2. The new image shows both the shadow of the black hole and its powerful jet .	
3. The image was obtained with several telescopes worldwide working together as a virtual Earth-sized telescope.	
4. The shadow is created as the black hole bends and captures some of the light emitted by the matter swirling around it.	

<p>4. The jet consists of matter shooting away from the black hole.</p>	
<p>5. Thanks to this image, astronomers can better understand how black holes launch such powerful jets.</p>	
<p>[Outro]</p>	<p><i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i></p> <p>-</p>
	<p>Also interesting:</p> <p>https://www.youtube.com/watch?v=omz77qrDjsU https://www.youtube.com/watch?v=DzZ5mb0SD2E</p>