

# Script for ESOcast Light: Black Hole Discovered in Galaxy Next Door

ESOcast Light xxx	
<b>[Visual starts]</b>	
<b>New ESOcast intro</b>	New ESOcast introduction
<b>Title: Black Hole Discovered in Galaxy Next Door</b>	
1. By pointing ESO's Very Large Telescope to the Large Magellanic Cloud, a Milky Way neighbour, astronomers have discovered an <b>11-solar-mass black hole</b> hiding in a cluster of stars.	
2. They found it by looking at the <b>motion of these stars...</b>  ...spotting one whose <b>orbit is influenced</b> by the black hole's <b>gravitational force</b> .	
3. This is the first time a <b>black hole outside our galaxy</b> has been detected in this way.	
4. But it won't be the last!	
5. <i>"When you have found one, you are well on your way to discovering many others."</i> S. Saracino, Liverpool John Moores University, UK	
<b>[Outro]</b>	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>
	Also interesting: <a href="https://www.youtube.com/watch?v=Fa3-kD4mf0k">https://www.youtube.com/watch?v=Fa3-kD4mf0k</a> <a href="https://www.youtube.com/watch?v=an4rgJ3O21A">https://www.youtube.com/watch?v=an4rgJ3O21A</a>

