

# Script for ESOcast Light 220: Closest Black Hole to Earth Found

<b>ESOcast Light 220</b>	
<b>[Visual starts]</b>  <b>New ESOcast intro</b>	New ESOcast introduction
<b>Title: Closest Black Hole to Earth Found</b>	
1. Using the MPG/ESO 2.2-metre telescope at La Silla Observatory, a team of astronomers has discovered a <b>black hole</b> lying just <b>1000 light-years</b> from Earth.	
2. The black hole, which has about four times the mass of the Sun, <b>is closer</b> to our Solar System than <b>any other found to date</b> .	
3. The invisible object is part of a <b>triple system</b> where its two companions can be seen with the <b>naked eye</b> .	
4. The team originally observed the system, called HR 6819, as part of a study on <b>double-star systems</b> ...  ...however, their observations revealed the presence of a <b>third, previously undiscovered body</b> : a black hole.	
5. The discovery of the black hole in HR 6819 <b>provides clues</b> for locating where <b>other hidden black holes</b> in the Milky Way might be.	
<b>00:00</b> <b>[Outro]</b>	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>

