

# Script for ESOcast Light 246: Supermassive Black Holes on a Collision Course

ESOcast Light	
<b>[Visual starts]</b>	
New ESOcast intro	New ESOcast introduction
<b>Title: Supermassive Black Holes on a Collision Course</b>	
1. Using ESO's Very Large Telescope in Chile, astronomers have uncovered the <b>closest pair of supermassive black holes</b> yet.	
2. They are located in a galaxy about <b>89 million</b> light-years away.  They are <b>154 million and 6 million</b> times more massive than our Sun.	
3. The pair also beat the record for the <b>shortest separation</b> between two supermassive black holes.  They are seen in the sky to be just <b>1600 light years</b> apart.	
4. They are on a <b>collision course</b> , doomed to clash...  ...likely within the next <b>250 million years</b> and merge into one <b>monster black hole</b> .	
<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=sqfbHyfuYDM">https://www.youtube.com/watch?v=sqfbHyfuYDM</a> ; and

	<a href="https://www.youtube.com/watch?v=qW-HXYX_Yyb&amp;t=2s">https://www.youtube.com/watch?v=qW-HXYX_Yyb&amp;t=2s</a>
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