

Script for ESOcast Light 256: ‘Black Hole Police’ Spot Extragalactic Black Hole

ESOcast Light 256	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
Title: ‘Black Hole Police’ Spot Extragalactic Black Hole	
1. Using ESO’s VLT, international experts, renowned for debunking black hole discoveries , have found a black hole outside our galaxy.	
2. The stellar-mass black hole , located in the Large Magellanic Cloud, orbits a luminous companion star , in a binary system called VFTS 243.	
3. To find this black hole, the team searched nearly 1000 stars... ...carefully checking which ones could have a black hole companion.	
4. Such black holes are thought to form when a star collapses, undergoing a large explosion . But the star that formed VFTS 243’s black hole seems to have vanished , with no trace of an explosion.	
5. <i>“This has enormous implications for the origin of black-hole mergers in the Cosmos.”</i> Tomas Shenar, KU Leuven, Belgium and U. Amsterdam, Netherlands	
[Outro]	<i>Produced by ESO, the European Southern Observatory.</i>

	<i>Reaching new heights in Astronomy.</i>
	Also interesting: https://www.youtube.com/watch?v=U7zix-4utvY&list=PL25F06D1140B44361&index=5 and https://www.youtube.com/watch?v=CeKLKyzsJ2g&t=188s