

# ESOcast Light 100: Dark Matter Less Influential in Early Universe

<b>ESOcast Light XX</b>	
<b>[Visual starts]</b>  <b>New ESOcast intro</b>	New ESOcast introduction Incl ESO logo
<b>Title: Dark Matter Less Influential in Early Universe</b>	
Brace yourself: <b>Important news about dark matter.</b>	
In today's Universe, dark matter has a <b>big effect.</b>  Its gravitational pull makes the outer parts of spiral galaxies <b>spin faster</b> than expected.	
Astronomers peered way back in time with ESO's VLT to study the rotation of massive disc galaxies 10 billion years ago.	
The conclusion? Back then dark matter seems to have <b>not been concentrated</b> around these galaxies and had <b>less influence on their rotation.</b>  Apparently it took billions of years longer for dark matter to condense than normal matter.	
<b>[Outro]</b>	<i>ESO builds and operates a suite of the world's most advanced ground-based astronomical telescopes.</i>