

# Script for ESOcast 172 Light: Supersharper Images from New VLT Adaptive Optics

<b>ESOcast Light 172</b>	
<b>[Visual starts]</b>	
<b>New ESOcast intro</b>	New ESOcast introduction
<b>Title: Supersharper Images from New VLT Adaptive Optics</b>	
1. ESO's Very Large Telescope (VLT) has achieved <b>first light with a new adaptive optics mode called Laser Tomography...</b>	
2. ...and has captured a <b>spectacular image of the planet Neptune and other objects.</b>	
3. Using 4 lasers and the adaptive optics module GALACSI, the MUSE instrument can now be <b>corrected for turbulence at different altitudes in the atmosphere...</b>	
4. ...snapping <b>images that are sharper</b> than those from the NASA/ESA Hubble Space Telescope.	
5. The new mode, combined with the spectroscopic power of MUSE, will allow objects to be studied in much greater detail.	
<b>5. These major developments in adaptive optics</b> are enhancing the already powerful fleet of ESO telescopes...	
6. ... and are hugely important to bring the Universe <b>into focus for the future ELT.</b>	
<b>00:00</b>	<i>Produced by ESO, the European Southern</i>

**[Outro]**

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