

# ESOcast Light 185: Cosmic Serpent

<b>ESOcast Light 185: Cosmic Serpent</b>	
<b>[Visual starts]</b>	
<b>New ESOcast intro</b>	New ESOcast introduction
<b>Title: Cosmic Serpent</b>	
1. ESO's VLT has spotted a <b>magnificent serpent in our galaxy.</b>	
2. This system of <b>violently swirling dust surrounding a binary star</b> is nicknamed Apep...	
3. ...after a <b>serpentine Egyptian deity embodying chaos.</b>	
4. The inner stars of the system are spinning so fast that they are <b>nearly tearing themselves apart</b> , creating this <b>majestic pinwheel of dust.</b>	
5. Apep <b>has an explosive future</b> ahead of it...	
6. ...it will likely end up as the <b>source of a long-duration gamma ray burst</b> , which are among the <b>most powerful explosions in the Universe.</b>	
7. Though they last only <b>between a few seconds and a few hours...</b>	
8. ...these extraordinary events release <b>as much energy as our Sun will in its entire lifetime.</b>	
<b>00:00</b> <b>[Outro]</b>	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>