

Script for ESOcast 188 Light: Dancing with the Enemy

ESOcast Light 188	
[Visual starts]	
New ESOcast intro	New ESOcast introduction
Title: Dancing with the Enemy	
1. ESO's Very Large Telescope has captured the binary star system R Aquarii in stunning resolution.	Zoom
2. The VLT's SPHERE instrument captured a clearer image of R Aquarii than even the Hubble Space Telescope.	SPHERE image (annotated VLT/SPHERE) Xfade to HST image (annotated Hubble)
3. R Aquarii is made up of two stars: a scavenging white dwarf and its red giant victim, caught in a dance to the death.	Animations
4. The hot, dense white dwarf flays matter from the surface of its unfortunate companion...	Animations
5. ...occasionally triggering a thermonuclear nova explosion , hurling vast amounts of matter and energy into space.	Animations
6. This dramatic stellar relationship has shaped the material surrounding R Aquarii...	Time-lapse: https://www.eso.org/public/videos/potw1850a/
7. ...causing it to expand and evolve.	
00:00 [Outro]	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>