# Script for ESOcast 188 Light: Dancing with the Enemy

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**Title:** Dancing with the Enemy

1. ESO’s Very Large Telescope has captured the binary star system R Aquarii in stunning resolution.  

2. The VLT’s SPHERE instrument captured a clearer image of R Aquarii than even the Hubble Space Telescope.  

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.  

4. The hot, dense white dwarf flays matter from the surface of its unfortunate companion...  

5. ...occasionally triggering a thermonuclear nova explosion, hurling vast amounts of matter and energy into space.  

6. This dramatic stellar relationship has shaped the material surrounding R Aquarii...  

7. ...causing it to expand and evolve.  

**00:00**  
[Outro]

Produced by ESO, the European Southern Observatory.  
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