Script for ESOcast Light 233: Six-Exoplanet System Challenges Theories of How Planets Form

ESOcast Light 233	
[Visual starts] **New ESOcast intro**	New ESOcast introduction
Title: Six-Exoplanet System Challenges Theories of How Planets Form	
1. Using ESO's Very Large Telescope and other facilities, astronomers have revealed a **six-exoplanet system**. **Five** of these planets are **locked** in a **rare rhythm** around their central star.	
2. In other words, they are **in resonance**.	
3. But while the **'dance'** of the planets in their orbits is well choreographed… ...their **densities** are much more disorderly, unlike in our Solar System.	
4. The system has a rocky planet right next to a fluffy planet half the density of Neptune, followed by one as dense as Neptune.	
5.This contrast between orderly orbits and unruly densities **challenges astronomers' theories** about **how planets form and evolve**.	
[Outro]	*Produced by ESO, the European Southern Observatory.* *Reaching new heights in Astronomy.*