

The background is a detailed illustration of the solar system. At the center is a bright, glowing yellow Sun. Concentric elliptical orbits surround it, with various planets and moons placed at different points along these paths. From left to right, the visible planets include Saturn with its prominent rings, Jupiter, Mars, Earth (shown in a blue and green view), and Venus. The space is filled with numerous small white stars, and a golden-brown dust disk is visible around the Sun. The overall scene is set against a dark, starry background.

How many distinct times during earth's history have human astronomers discovered that the sun does not revolve around the earth?