

# Extra solar planet

[Science](#), [Physics](#)



Extra Solar Planet With the rapid evolution in technology, it has become possible to observe and study extraterrestrial bodies. Extra solar planet otherwise termed, as exo-planets are planets that occupy different solar system besides solar system. Kepler was the first scientist to explain the planetary system and his formulations have been used to discover these planets. He used mathematics to explain his model system and formulating laws on planetary system. The first ever known extra solar planet was discovered in 1995. However, other extra solar planets amounting to approximately 750 have since then been discovered. Detecting extra solar planet from the earth is difficult. Unlike other stars, which are fuelled by nuclear reactions, extra solar planets faintly emit thermal infrared radiation. Recently, eight new extra solar planets have been discovered and it has been observed that their orbital period is longer than duration of three years (Lissauer et al 1).

These planets were “ identified through observation of periodic variations of the Doppler shift of light emitted by the stars in which they are connected” (Lissauer et al 1). Some are larger than Saturn is while other even larger than Jupiter. They go round their stars closer than the other planet that goes round the solar system. Those that defy this rule travel on a high elliptical path (Scharf, 143-9). Scientific advancement will continue in the Astronomic world. This will happen as man try to improve life by discovering other habitable places.

#### Works Cited

Lissauer, Jack et al. “ Extrasolarplanets.” The National Academy of Sciences.

2000. Web 6 March 2012. Scharf, Caleb. Extrasolar planets and astrobiology. New York: University Science Books, 2009. Print.