

PLANETARY FORMATION AND DYNAMICS: FROM THE SOLAR SYSTEM TO EXOPLANETS

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The goals of this project is to evaluate models of formation and evolution of the Solar System and exoplanetary systems. In the context of the Solar System, it is expected that the results from this project can bring a better understanding of how the terrestrial planets, giant planets, and the asteroid belt formed and evolved from a dynamical point of view. In the context of exoplanets, the results from this proposal will help to constraint and distinguish the dynamical processes that played the leading role for the formation of systems of close-in super-Earths, the known most common type of planets in the galaxy.

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