Contribution ID: **110**   Type: **not specified**

How to go from theory to observations with AI

Tuesday 8 July 2025 11:31 (1 minute)

Population synthesis is very demanding in terms of computing power. These planetary systems can however provide access to correlations, as predicted in a given numerical framework, between the properties of planets in the same system. Using AI, we can leverage such correlations that, in return, can be used to guide and prioritize observational campaigns aiming at discovering certain types of planets, such as Earth-like planets.

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Session Classification: Poster Session