

DLR's modelling efforts relevant to PLATO Interpretation specific science working groups

Tuesday 18 April 2023 10:50 (15 minutes)

We will present the modelling efforts at the DLR that will contribute to several PLATO interpretation specific science working groups. More specifically, we will showcase our 1D modelling effort for rocky exoplanet atmospheres that will contribute to the “atmospheres of terrestrial planets” and “PLATO habitable zone planets” WGs; our hot Jupiter modelling that will be useful for the “composition and formation of gas and ice giants” working group; our 3D modelling of hot Jupiter that will contribute to the “3D exoplanet climate modelling” WG; and finally our cloud modelling strategy for the “cloud and gas chemistry of planetary atmospheres”.

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