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# Atmospheric Characterisation of Exoplanets with Broadband Color Filters on the PLATO 2.0 Mission

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## Abstract

We assess broadband color filters for the two fast cameras on the PLATO 2.0 space mission with respect to atmospheric characterization via Rayleigh absorption, haze and geometric albedo on Hot Jupiters and Low Mass Low Density planets for different atmospheric composition and cloud scenarios for planets placed at 25pc and 100pc.