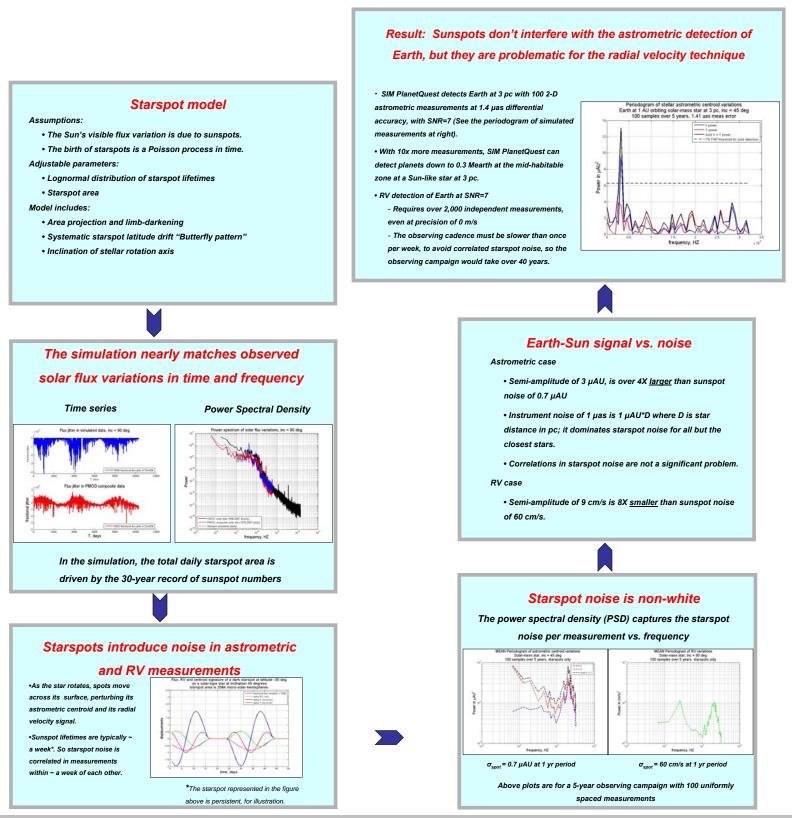
National Aeronautics and Space Administration

Detection of Earth in the Presence of Starspot Noise

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Project Objective

Do starspots interfere with the indirect detection of an Earth orbiting a Sunlike star at 1 AU? We estimate the contribution of sunspots to noise in the Sun's astrometric and radial velocity (RV) signature, and the impact on the detectability of the Earth-Sun system by the astrometric and RV methods.



Exoplanet Science and Technology Fair Center for Exoplanet Science

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