



Characterizing Planet Habitability with μ as Astrometry: Gaia, and Beyond

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Abstract

The wealth of information in the Gaia catalog of exoplanets will constitute a fundamental contribution to several hot topics of the astrophysics of planetary systems. I will provide an overview of the potential impact of Gaia micro-arcsec astrometry on exoplanet science, with a particular focus on its contribution to habitability studies, and shed some light on the role of next generation astrometric facilities in the hunt for and characterization of habitable worlds similar to Earth.