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Exoplanetology with Gaia

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Abstract

1. The Gaia global astrometry mission is now headed towards the end of the third year of routine science operations. With the publication of the first data release in September 2016, it has begun to fulfil its promise for revolutionary science in countless aspects of Galactic astronomy and astrophysics. I will briefly review the Gaia mission status of operations and the scenario for the upcoming intermediate data releases, focusing on important lessons learned. I will then illustrate the Gaia exoplanet science case, and discuss how the field will be revolutionized by the power of micro-arcsecond (μas) astrometry that is about to be unleashed.