

## Gaia: A Stereoscopic Census of our Galaxy

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Gaia will provide positional and radial velocity measurements with the accuracies needed to produce a stereoscopic and kinematic census of about one billion stars in our Galaxy and throughout the Local Group

The biggest challenge is clearly the data volumes and the steady incoming stream that will not stop for the next five years. The satellite sends us 40-100 GB of compressed raw data every day . Gaia data will revolutionize astronomy .

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