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Title:
Science Overview of the SIM Project

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Abstract:
SIM is a space astrometric mission recommended in the 1990 decadal report of the National Academy of Sciences. In the last few years most of the technologies needed to fly SIM has matured. In addition NASA has chosen a science team for the SIM mission. A major component of SIM science is an astrometric search for planets. But SIM
has also has a breadth of science objectives from understanding the mass luminosity relation of stars, to measuring the distances and age of globular clusters, to studying the masses of dark object that produce gravitational lensing events and measuring the dynamical motions of the local group of galaxies. This paper provides an overview of the science research that SIM will conduct, and an introduction to the other papers that describe SIM science in greater detail.

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