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Title:
The Search for Exo-Planets with SIM

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Abstract:
This paper gives an overview of the three SIM key projects that search for Planets outside of our solar system. The SIM planet search program has 3 major componets. The first a deep search is aimed at looking for terrestrial planets in the habitable zone around the nearest ~200 stars. The second is aimed at a broad survey of ~2000 stars down to neptune mass planets to study the morphology of planetary systems around a wide variety of stellar types. The third and last is a search for planets in star forming regions, looking at the birth and early evolution of planetary systems.

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