

# Habitable Planet Searches around Red Dwarfs: Ground and Space

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Red dwarfs or M-type stars are the most abundant stars in the Milky Way Galaxy. Therefore, the Earth-like small planet searches around red dwarfs, in particular the habitable Earth-like planet searches, are one of the most important topics in astrobiology. In this talk, I will introduce such searches with ground-based facilities like Subaru/IRD and those with space-based facilities like TESS mission. Then I will outline the future characterization plan of the targets discovered by these projects.

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