

The astrophysical side of exobiology: the search for habitable exoplanets and life in the Galaxy

lunedì 28 febbraio 2022 15:30 (10)

The list of known exoplanets is rapidly growing (almost 5000 at the moment), but we know only a handful of rocky planets in their circumstellar habitable zone. We propose a revision of the criteria for defining the habitable zone, based on the updated knowledge of the role and diffusion of biometals, and present updated results on the statistics of Earth-like planets in the Galaxy.

Department

Dipartimento di Fisica

Primary author(s) : Prof. GIOVANNI, Covone (University Federico II)

Presenter(s) : Prof. GIOVANNI, Covone (University Federico II)