

Perugia Advanced Physics Seminars

A journey to the frontiers of knowledge

April 9, 2021 - 15:00

Searching for life in the universe: how, where and why?

The age-old question "Are we alone in the universe?" has attracted renewed interest in recent years, driven in no small part by the discovery of hundreds of terrestrial planets around other stars. In this talk, I will first give a broad overview of astrobiology, the interdisciplinary science that seeks to characterize the limits and frequency of life in the cosmic context. Then, I will highlight some current research and open problems, including the definition of habitable regions in the galaxy and the remote search for tell-tale signatures of biological activity.



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"Tor Vergata"

Zoom Meeting



Dipartimento di Fisica
e Geologia - Perugia



Sezione INFN - Perugia



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