

ΣΕΜΙΝΑΡΙΟ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ

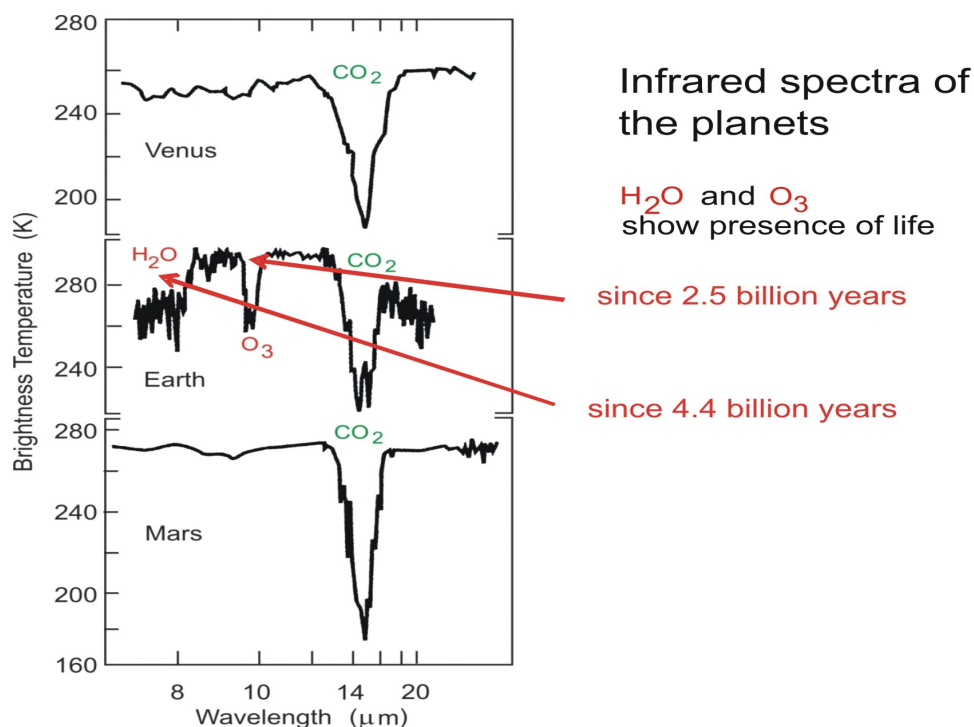
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Κτίριο Φυσικής, Αίθουσα Συνελεύσεων Τμήματος

Intelligent life in the Universe Myth or Reality?

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One of the big puzzles of mankind is the question: Are we alone in the universe? Presently there is no contact to extraterrestrial societies and no trace of them has ever been found. Yet it is possible to give convincing arguments for the existence of extraterrestrial intelligent civilizations.

From recent theories of planet formation it can be concluded that there must be a huge number of so-called habitable planets in the universe. In addition, new developments in evolutionary biology that made older views obsolete now indicate that life and even intelligent life should form naturally on habitable planets. It therefore is practically certain that intelligent societies exist outside the solar system. But why have we not been visited or contacted by extraterrestrial beings (Fermi Paradox)? Why did the ongoing search programs for extraterrestrial intelligence (SETI) fail?