



## **Moon as a base for fundamental space research: low frequency radioastronomy from its surface**

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The wide band of radioemissions (at least below a few MHz) propagating in the open space is completely shielded by dense and conducting Earth's ionosphere. In the contrary, the Moon possessing a weak atmosphere\ionosphere around its surface seems to be a perfect base for carrying out measurements of low frequency radio emissions originated from space. The Moon-base facilities provide a new opportunity for a scientific community by opening completely unexplored range of electromagnetic waves.

The paper presents a possible scenario of the radio facility development at the Moon surface and its implementation for astrophysics, exoplanet's search, solar system and magnetospheric investigations.