

## Very low frequency observations on the Moon

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We propose a future project on astronomical radio observation on the lunar far side at very low frequencies (100kHz to 30MHz). There are few astronomical data in this frequency range because higher angular resolution is realized more easily by using higher frequency. Also, below 10 MHz, the Earth's ionosphere prevents radio astronomers from ground-based observation.

The strong solar radio bursts and radiation from Earth's aurora can be avoided at the lunar far side to observe radio waves from planets and celestial objects. Furthermore, in periods of Jupiter's conjunctions, strong radio waves from Jupiter can be also shielded. Thus this project will shed a new light on the astronomy and planetary science.