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Ice Targets in Solar System and Possibilities of Ultra High Energy Particles Exploration by the Radio Technique

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The problems for registration of cosmic rays and neutrinos with the highest energies existing in Nature are considered. Perspectives to detect these particles by the radio method are discussed. Radio detectors apertures are calculated by the Monte Carlo simulation for space experiments, in which Moon and comparable-size ice satellites of planets in the Solar System are used as targets. The comparison for the apertures shows, that the Lunar target is the most promising for future experiments.

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