

PPS26-04

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Lunar chronological mission based on the in-situ geochronology instruments

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In-situ geochronology measurements have long been a key goal for planetary science. We propose a mission, which is designed to determine formation age of young Aristillus crater of the Moon. The correlation of crater frequency measured with remote-sensing data with the obtained age provides information about the cratering history in the inner solar system.

Keywords: Lunar and Planetary explorations, Moon, chronology, crater, K-Ar dating