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## Development and scientific objectives of Lunar Multiband Camera System (LMUCS)

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Lunar Multiband Camera System (LMUCS) has been designed for a future lunar landing mission, SELENE-2. The LMUCS is a filter-wheel type multiband camera mounted on a rover with gimbals for control of elevation and azimuth line-of-sight directions. In this presentation, scientific objectives and a result of conceptual design of the LMUCS are discussed.

Keywords: Moon, surface exploration, crust, rover, SELENE-2, Lander