## Geomorphology and geology of lunar craters: views from Kaguya/LISM

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Morphology of a crater interior and exterior give important clues to reconstruct and understand impact cratering. Large and fresh lunar craters are best targets for such investigations, because only space weathering and limited degradations by small impacts are major processes that disturb original structures of ejecta units. Lunar Imager/Spectrometer (LISM), which onboard the Kaguya lunar explorer, will provide high-resolution and multi-spectral mapping data of the Moon. Combination of high-resolution images, digital terrain models, multiband images, and spectral profiles is a complete set for geologic mapping of a crater and its surroundings. The purpose of this study is to reveal details of impact cratering processes with the data from LISM. We here describe scientific objectives, observational targets, and strategy of analysis.