High resolution orbital photogrammetry on the example of modeling selected relief elements in the Tsiolkovsky crater on the Moon

Michael Shpekin, Chingiz Mukhametshin, Alexander Semenov, Renat Salimov
Kazan Federal University
Dep. Astronomy and Space Geodesy, Institute of Physics

Fragments of the 3D-model of the Tsiolkovsky crater central peak:

1 - north slope
2 - eastern slope
3
4 - south slope
5 - in four positions
6

Initial data: digitized images of the “Apollo-17” metric camera

Software: Agisoft Photoscan 1.3 Pro

An important result is that solving the problem of three-dimensional modeling of lunar relief elements requires a high-performance computer, such as a personal supercomputer or computational cluster, even if only one crater is modeled.

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