**P3-P004** Time: June 6 17:00-18:30

## Algorithm for the highly accurate digital elevation model of the Moon

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We investigated an algorithm for the degital elevetion model (DEM) production from images by TC of SELENE mission. We adopt two methods as the core argorithm of stereo matching for accurate DEM products; a sub-pixel stereo matching and an active setting of a size of the matching window. The residual mis-matching points are removed by a surface context checking and a median filter at after processing.

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