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# Pierwsze Ogólnopolskie Seminarium Marsjańskie

## *Dunes in the north-western part of Gale Crater*

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[POSTER]

The poster presents an outline of the dune analysis in the north-western part of the Gale crater. The aim of this work is to analyze a spatial planning of dunes, their morphology (shape) and dimensions. The distribution of wind directions in the dune field was determined in the NE-NW range, using the ArcMap and MS Excel program. Analysis of the data measured lead to conclusion that wind direction modelling dunes has been changing in accordance to daily shadow zone wandering, cast during the day by the central mound and the crater edges.