

TO Brownbag Seminar
Tuesday Oct 25, 2011
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Monitoring Mars dunes and sand ripples migration from HiRISE image time-series

Abstract:

We'll present a study on the measurement of Martian dune migration. Using high-resolution imagery (HiRISE), and COSI-Corr, we measured the sand ripple displacement on top of dunes in the Nili Patera region. The unexpectedly high sand flux is comparable to some found on Earth's dunes. A recent time series of images have been recently acquired on the same area. We'll present the new data and the information that we look forward to extracting in the coming months.