



Sinuous Ridges in Aeolis Planum

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The eroded ridges are located in a trough, while the well-preserved ridges are at higher elevation. The image allows scientists to characterize the morphology and the local texture of both type of ridges and determine whether those were part of the same network or where formed at two different stratigraphic levels, during different fluvial episodes.

The HIRISE camera onboard the Mars Reconnaissance Orbiter is the most powerful one of its kind ever sent to another planet. Its high resolution allows us to see Mars like never before, and helps other missions choose a safe spot to land for future exploration. Thousands of images are available online at: uahirise.org.