



# Unusual Crater with Lava Flows Near Arsia Mons

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This image was targeted to look at lava flows in east Daedalia Planum. The flows here have different brightnesses (reflectivity) which may indicate different compositions. Here is another aspect of the image: a small, 0.5 kilometer diameter crater shows a regular structure of aligned ridges in its interior. The origin of this structure is unclear but may be related to the breach in the crater rim to the left.

*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](http://uahirise.org).*