

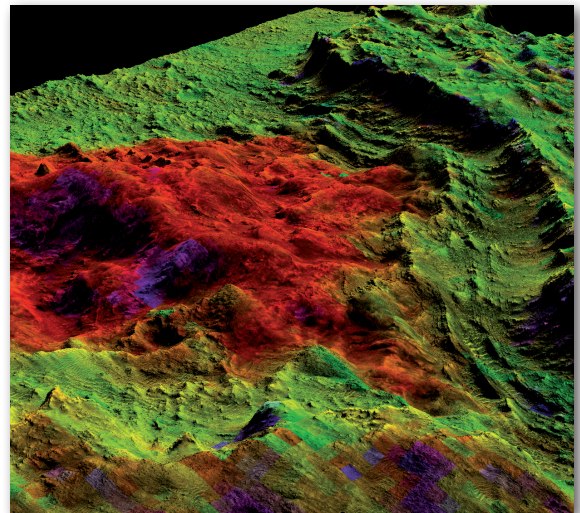
Geowissenschaftliches Kolloquium

Impact craters as “probes” of the geology and history of Mars

Donnerstag, 23. April 2015 - 16.15 Uhr

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Impact craters have played a significant role in the early formation, modification and, in some cases, the aqueous alteration of planetary crusts (e.g., Mars). As such, they are useful as “probes” and “gauges” of the target properties and the various geologic processes that modify planetary surfaces, respectively. Impact craters can be used for degradation studies. In this presentation I will touch on several ways in which craters are useful beyond impact studies, but hope to provide some details on one or two of these topics.



Dr. Tornabene received his Ph.D. from the University of Tennessee (Knoxville) from the Department of Earth and Planetary Science where he was a junior science team member of THEMIS and MERs (i.e., Spirit and Opportunity). He also has a M.S. from and a B.S. in Geological Sciences. Dr. Tornabene is currently a Co-I on the CaSSIS camera, which will fly on the ExoMars 2016 Trace Gas Orbiter, and remains involved with HiRISE as one of its science team members.

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