



## Success and Failure on Mars: Mechanics in the Exploration of Space

Over the last three decades, engineering mechanics has been exploited to yield success in the exploration of Mars. This talk will highlight a few examples of engineering mechanics being used to save billions of dollars of U.S. investment and create an ever-expanding understanding of Mars – and Earth's place in the solar system.

We are thrilled to have Adam D. Steltzner of NASA's Jet Propulsion Laboratory as our speaker for this event.

**Date and Time:** Friday, April 17, 2020 from 5:00 to 6:00 pm

**Location:** The National Academies of Sciences, Engineering and Medicine  
NAS Building, Auditorium  
2100 Constitution Avenue, Washington DC 20418

The event is free; please register by March 27, 2020 at our [Eventbrite page](#)

For more information, contact:

Chelsea Bock, Program Coordinator, Board on International Scientific Organizations  
The National Academies of Sciences, Engineering, and Medicine  
Phone: 202-334-2302; E-mail: [cbock@nas.edu](mailto:cbock@nas.edu)

Hosted by the US National Committee for Theoretical and Applied  
Mechanics ([USNC/TAM](#))

**Photos (from left to right):** Artist's concept of Mars Pathfinder, Adam Steltzner, and Curiosity's Selfie at Aberlady and Kilmarie.  
**Background:** Mars high dunes. All photos courtesy of NASA