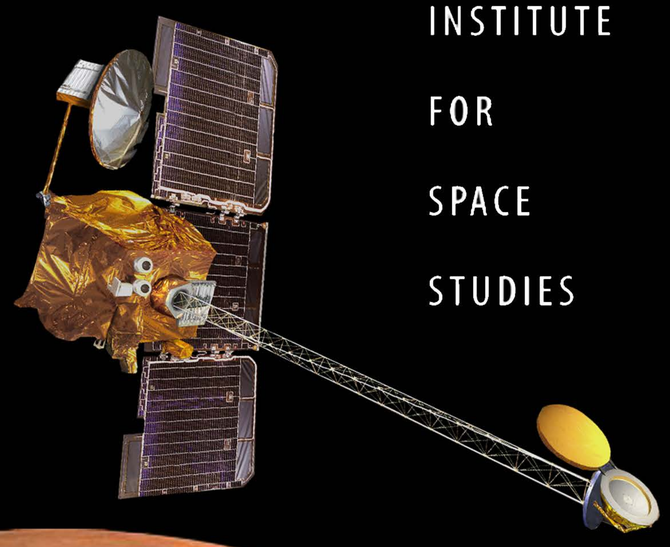
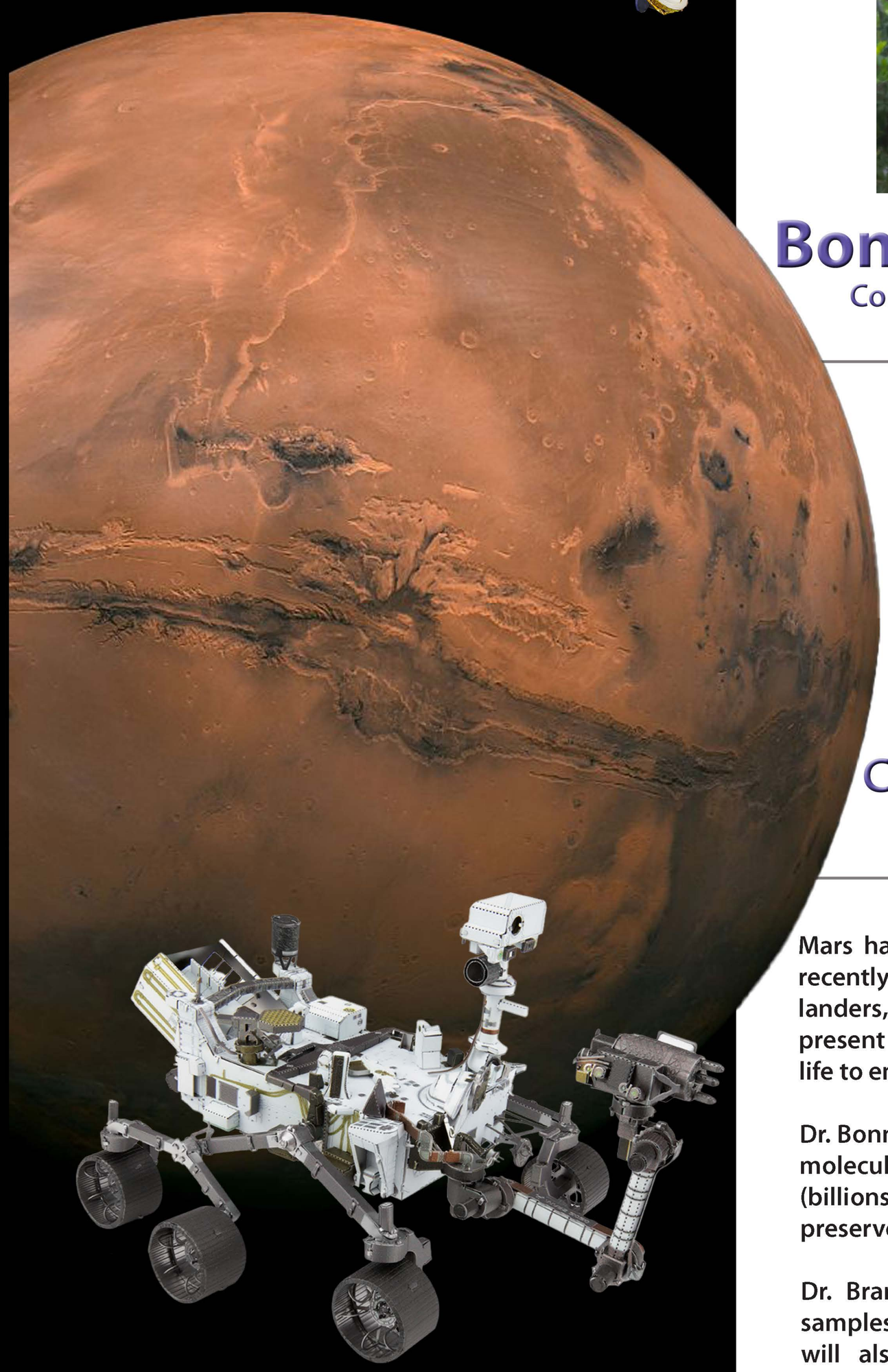
Keck INSTITUTE FOR SPACE STUDIES





The Keck Institute for Space Studies presents the following lecture:

Mars through the Ages

Bonnie Teece
Cornell University

Brandi Carrier
JPL

Tuesday, June 2, 2026

4:30 PM Refreshments
5:00 PM Lecture

Sharp Lecture Hall
California Institute of Technology

Mars has been a large focus in US planetary exploration and, more recently, of international space agencies. Space missions (with rovers, landers, and orbiters) have increased our understanding of ancient and present Mars, and whether Mars had or has conditions that would allow life to emerge and persist.

Dr. Bonnie Teece will first review Martian geochemistry and the organic molecules found on its surface, detailing the preservation of ancient (billions of years old) organic molecules and whether they could be preserved today.

Dr. Brandi Carrier will then review Mars missions and discuss the samples currently being collected by NASA's Perseverance rover. She will also highlight future mission concepts and plans for Mars astrobiology.

Registration QR Code:

Registration is required for this lecture.

for more information go to kiss.caltech.edu