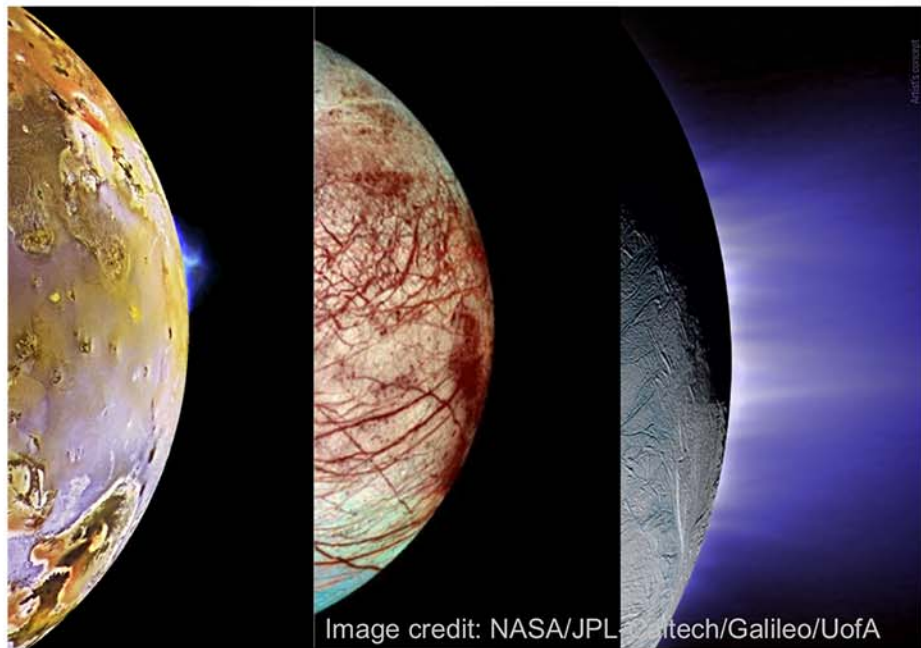


W. M. Keck Observatory
Presents:



Katherine de Kleer

University of California, Berkeley

Geological Activity in the Solar System: New Discoveries and Unsolved Mysteries

From the elusive plumes of Europa to Enceladus' dramatic cryovolcanic geysers and the extreme volcanism of Io, the Solar System hosts a wide spectrum of active geological processes. Over the past decade, major breakthroughs in planetary geophysics have been made by spacecraft missions, space-based telescopes, and ground-based observatories including Keck. Katherine will survey recent discoveries on the nature of geological activity on Solar System satellites, and will discuss new mysteries that these discoveries have uncovered.

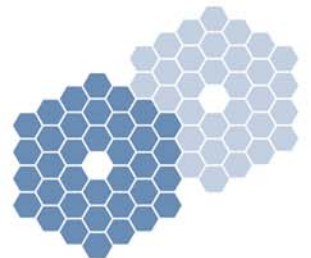
January 5, 2017

7:00 p.m.

Hualalai Learning Theater

Free and Open to the Public

W. M. Keck Observatory
65-1120 Mamalahoa Hwy.
Kamuela, HI 96743
www.keckobservatory.org



**ASTRONOMY
TALK**