



UCLA

Earth, Planetary, and Space Sciences

Total Solar Eclipse Trip
August. 18-22, 2017 Brasada
Ranch, Bend, Oregon

Total Solar Eclipse

Join us to view the total solar eclipse in one of the premier viewing locations in the country. On Monday, August 21, 2017, a total eclipse of the Sun will be visible in the continental United States for the first time in almost 40 years. A total eclipse occurs when the Sun is completely hidden by the Moon, the sky becomes dark, and the Sun's faint atmosphere (corona) becomes visible—looking like a beautiful halo. This total eclipse will only be visible on a narrow track stretching across the United States from Oregon to South Carolina. UCLA EPSS has secured exclusive use of several cabins and rooms at the luxurious Brasada Ranch near Bend, Oregon. The resort is located within easy driving distance of the path of totality. A short drive will ensure optimal viewing conditions for this rare and exciting astronomical event.

Geology Field Trips

We will host geology field trips and guide you to the highlights of geological and geomorphic phenomena near the city of Bend, Oregon. We will explore numerous landscapes made by Pleistocene and Holocene volcanism, faulting, glaciation, and fluvial erosion. Possible destinations include Newberry National Volcanic Monument, Smith Rock State Park, Tumalo State Park, and the Deschutes River Canyon.

www.epss.ucla.edu/eclipse-2017

Faculty Hosts

Jean-Luc Margot

Jean-Luc Margot is the EPSS Department Chair and a planetary astronomer who conducts research on the properties of habitable worlds using a variety of spacecraft and telescopes. He is eager to observe the great American eclipse of 2017 and to discover the breathtaking geology of Oregon. During this exciting trip, Margot will share his knowledge and passion about eclipses and other celestial phenomena.

Seulgi Moon

Seulgi Moon is a geomorphologist who studies the interactions between tectonics, climate, and landscape over time scales of days to millions of years. She is very excited to see the total solar eclipse and the dynamic landscapes of the Pacific Northwest. Prof. Moon will lead the geology field trips and will share her insights about the volcanic activity, geology, and geomorphology of the High Cascades and High Lava Plains regions of Oregon.

Cost: From \$1,895

Historical records of cloudiness along the eclipse path show that our viewing location is one of the best places to watch the eclipse. However, the amount of cloud cover is unpredictable and we can only hope for, not guarantee, a clear sky

For More Information or To Register please visit our website or contact:

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