Space Science Seminar
MONDAY, 2018 June 4
10:00 a.m.
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Kilauea's 2018 Eruption, Data and Footage from the Hawaii Volcano Observatory

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Host: Mitzi Adams

The Kilauea volcano on the Big Island of Hawaii is one of Earth's most active volcanoes. Halemaʻumaʻu, the largest crater in Kīlauea Caldera, is continually monitored by the Hawaii Volcano Observatory (HVO), which until recently, was located just outside the Kilauea Caldera. On May 3, smoke could be seen rising from Halemaʻumaʻu. Hours before, the eruption of Kilauea was presaged by a magnitude 5.0 earthquake, indicating that magma was moving underground. Then a distance away from Halemaʻumaʻu in a residential neighborhood, cracks appeared in the ground and lava began fountaining into the air through six fissures. This talk will discuss the sequence of events leading up to the eruption and what the level of activity is now, through images and videos from the HVO. To date, there are approximately 24 fissures, some more active than others, producing lava that is flowing over the residential area.

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