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Slooh Investigates Asteroid Impact Site on Full “Worm” Moon

On September 11th, 2013, an asteroid approximately 2 to 4.5 feet across (.6 to 1.4 meters) and traveling at an estimated speed of 37,900 mph (61,000 km/h) smashed into the lunar surface causing a crater roughly 131 feet (40 meters) wide. The explosion was so great that individuals looking at the Moon at that very moment in time would have seen the blast as it lasted over 8 seconds!

Slooh will cover the lunar impact site on the Full “Worm” Moon in Mare Nubium live on Sunday, March 16th at 6 PM PDT / 9 PM EDT / 01:00 UTC (3/17) - international times: <http://goo.gl/tdq3Oa> with feeds from the Canary Islands, off the coast of west Africa. Viewers can watch free on Slooh.com or by downloading the Slooh iPad app. The live image stream will be accompanied by discussions led by Slooh host and astronomer, Bob Berman, and Slooh technical director, Paul Cox. Viewers can ask questions during the show by using hashtag #moonimpact.

In addition to the asteroid impact on the Moon late last year, several other impacts have been uncovered around the Solar System including a minor impact by Asteroid 2014 AA right here on Earth on January 1st, 2014. We will also show images and discuss the recently discovered asteroid impact on Mars leaving a 30-meter-wide crater which was confirmed by NASA’s Mars orbiter on November 19, 2013 as well as the history of other recent impacts. Bob Berman will turn the focus to remembering the surprisingly volatile history of direct impacts and their effects on the Earth such as the legendary extinction theory of the dinosaurs which occurred over 60 million years ago.

"Ever since Luis and Walter Alvarez astonished the world in 1980 by presenting convincing evidence that an asteroid impacted our planet and wiped out the dinosaurs 65 million years ago, the threat of an Earth-altering collision has remained in the public awareness. The astonishing double-whammy of February 15, 2013, when an asteroid-near miss occurred on the same day that an asteroid fragment exploded over Siberia, injuring 1500 people, underscores the reality of thousands of uncharted asteroid fragments that can cross our path at any time. In the past year, Slooh has managed to track and image several of these in real-time, and displayed these encounters to the public as they happened. It is very exciting to be part of the team that will present this live, accompanied by real-time narration."

Broadcast Details

Start time: Sunday, March 16th - 6 PM PDT/ 9 PM EDT / 01:00 UTC (3/17)

Link - www.slooh.com

Hashtag - #moonimpact

Embed - `<iframe width="1280" height="720" src="//www.youtube.com/embed/NS2ffDTRAd0" frameborder="0" allowfullscreen></iframe>`

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About Slooh

Since 2003 Slooh has connected ground-based telescopes to the Internet for access by the broader public. Slooh members have taken over 2.4m photos of over 40,000 celestial objects, and participated in numerous discoveries with leading astronomical institutions. Slooh's automated observatories develop celestial images in real-time for broadcast to the Internet. Slooh's technology is protected by Patent No.: US 7,194,146 B2 which was awarded in 2006. Slooh's flagship observatory is situated on Mt. Teide in the Canary Islands, in partnership with the Institute of Astrophysics of the Canary Islands (IAC). Slooh has also broadcast live celestial events from partner observatories in Arizona, Japan, Hawaii, Cypress, Dubai, South Africa, Australia, New Zealand and Norway. Slooh's free live broadcasts of potentially hazardous asteroids (PHAs), comets, transits, eclipses, solar activity etc. feature narration by astronomy experts Bob Berman and Paul Cox and are syndicated to media outlets such as NBC, ABC, CNN, Fox News, National Geographic, the BBC, Wired, The Weather Channel and more. Slooh's live celestial events have been viewed over a billion times, the highlight of which was the 2011 lunar eclipse broadcast live on Google's home page.

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