

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



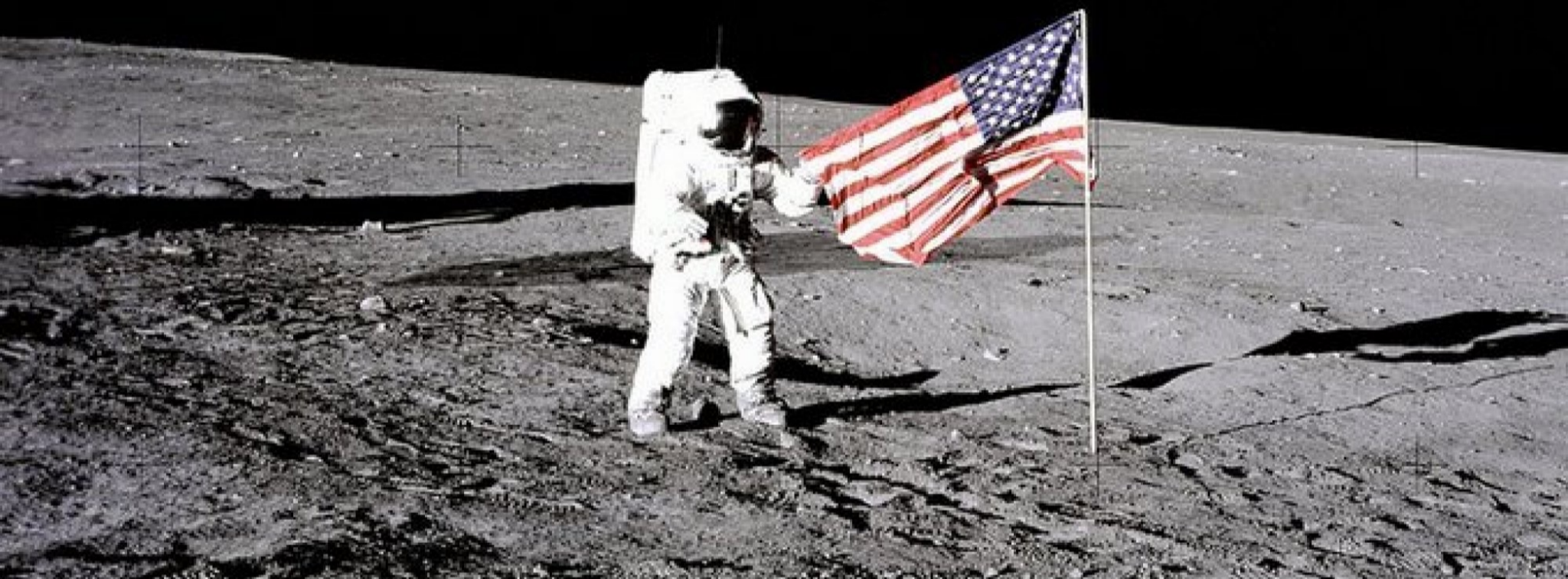
STARGAZING & LECTURE SERIES

How to Stage the Moon Landings

Zephyr Penoyre

Friday, November 18th, 7:00PM

Pupin Hall, Columbia University



Staging the moon landing is hard. Really hard. The Moon is so much smaller and lighter than Earth that the laws of physics manifest themselves completely differently. You've got low gravity, no atmosphere, one side is boiling hot whilst the other is freezing cold and in the background Earth is rising over the horizon. In short, if you want to stage it you've got a pretty huge to-do list. I'm going to take you through my turbulent journey of trying to fake the moon landing, and we'll see how the physics of the moon make it an almost impossible task

These are free lectures at a public level followed by guided stargazing with telescopes (weather permitting).

All events are held at Pupin Hall at Columbia University. No reservations are needed.

Lectures are 30 minutes, stargazing lasts 90 minutes. Stay only as long as you want.

For directions, weather updates and more information, please visit:

<http://outreach.astro.columbia.edu>