



Introduction

Executive summary

What is Slooh?

- Slooh is a subscription-based internet telescope service with a patent for real-time astronomy
- Slooh is online astronomy curriculum from elementary school to college
- Slooh pioneered social astronomy and has formed a global community exploring space together

Our mission:

- Light pollution and the concentration of population in modern cities have blinded us to an important aspect of our environment, one in which our ancestors had far more appreciation
- We aspire to reclaim this lost realm, and with it a sense of perspective regarding the world beyond ourselves
- Rebuild our collective connection to the night sky by giving educators new ways to incorporate astronomy into the curriculum

Slooh has changed the way we explore space

We have democratized access to space through innovation across three key complementary pillars

Technology: From backyard telescopes to networked mountaintop observatories

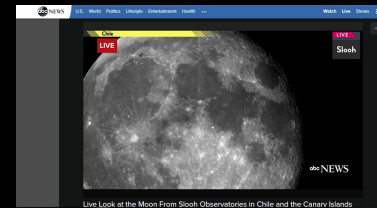
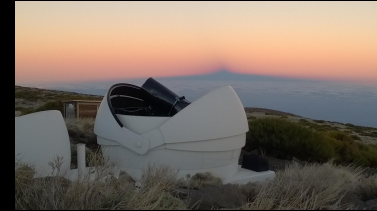
- 15 robotic online telescopes including flagship observatory at a top site in the world
- U.S. Patent 7,194,146 B2, issued in 2006 for instant imaging via networked telescopes
- 18 hours of live feeds per day, 800 daily “Missions” to space

Community: From a solitary experience to a social one

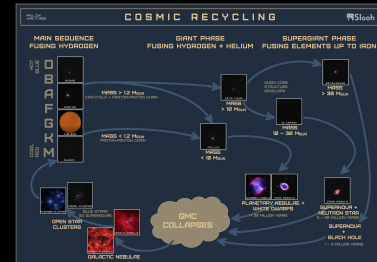
- Student communities sharing control of the observatories
- Live Star Parties syndicated to the media attract millions of viewers

Education: From textbooks to experiential learning

- Gamified, asynchronous STEAM curriculum from elementary to college
- Fulfills NGSS requirements by enabling capture of phenomenon for analysis



Live Look at the Moon From Slooh Observatories in Chile and the Canary Islands



Now is the moment for remote learning

Digitalization and democratization of education

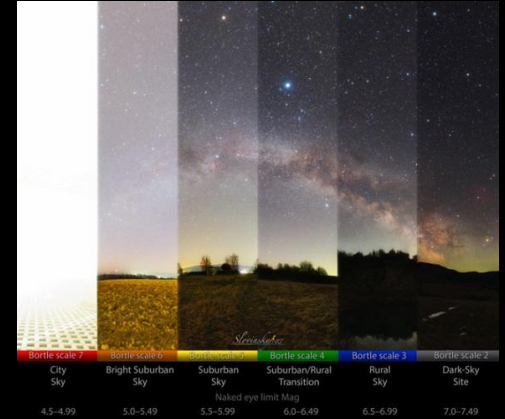
- Status: COVID-19 accelerating adoption of e-learning
- Our opportunity: deliver asynchronous online education that inspires wonderment and awe (in an otherwise dark time!)

Most students don't have a way to learn to explore space

- Status: Inability to see the night sky from light polluted locations and funding limitations result in few schools with access to observatories
- Our opportunity: Opening to provide online observatories to school and after-school programs

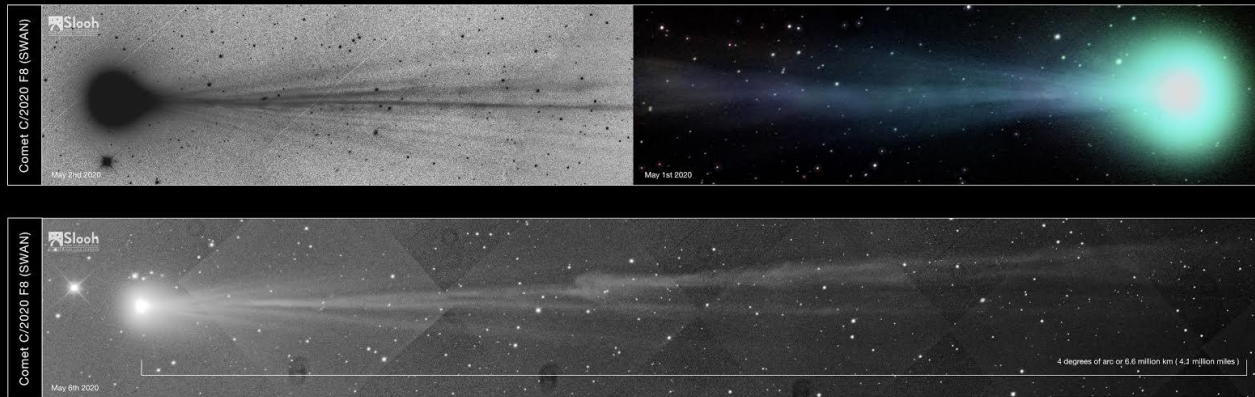
New space race is fueling public interest in space exploration

- Status: Launch America, Space Force, SpaceX
- Our opportunity: Make it possible for anyone to explore space



Appendix

Shared observation from Slooh Member



The surprising tail of comet C/2020 F8 (SWAN)

Every fresh image shows something new happening. The latest image from last night (6th May) was a cracker. It shows what appears to be the remnant of an outburst or eruption halfway along the tail. Comet C/2020 F8 (SWAN) is currently listed as having a hyperbolic orbit but more data is needed to confirm this. If it truly has a hyperbolic orbit then this will be its first and last trip past our Sun. And if the orbit turns out to not be hyperbolic, it will most likely have a very long orbital period of thousands or maybe even millions of years. Fresh comets like C/2020 F8 (SWAN) may never have seen the light and heat of our Sun before. This makes them unpredictable and exciting to watch as pockets of frozen gases near or just beneath their surface warm and erupt.

Partners

New Partners

- Jason Learning
- Open Stax
- International Planetarium Society

Institute of Astrophysics of the Canary Islands

- Home of Slooh's flagship observatory at top site in the world

Catholic University, Santiago, Chile

- Home of Slooh's southern observatory

Sharjah Academy for Astronomy and Space Sciences Technology

- Developing new observatory and Arabic version of Slooh

National Science Foundation

- Grant to fund 'gamification of space exploration'



Sample users

Universities

- University of New Hampshire
- University of Maine

Public schools

- Chicago Public Schools (high school)
- Clark County Public Schools, Las Vegas (elementary school)

Private schools

- The Fabindia School, Rajasthan, India
- Crossroads, Santa Monica, CA

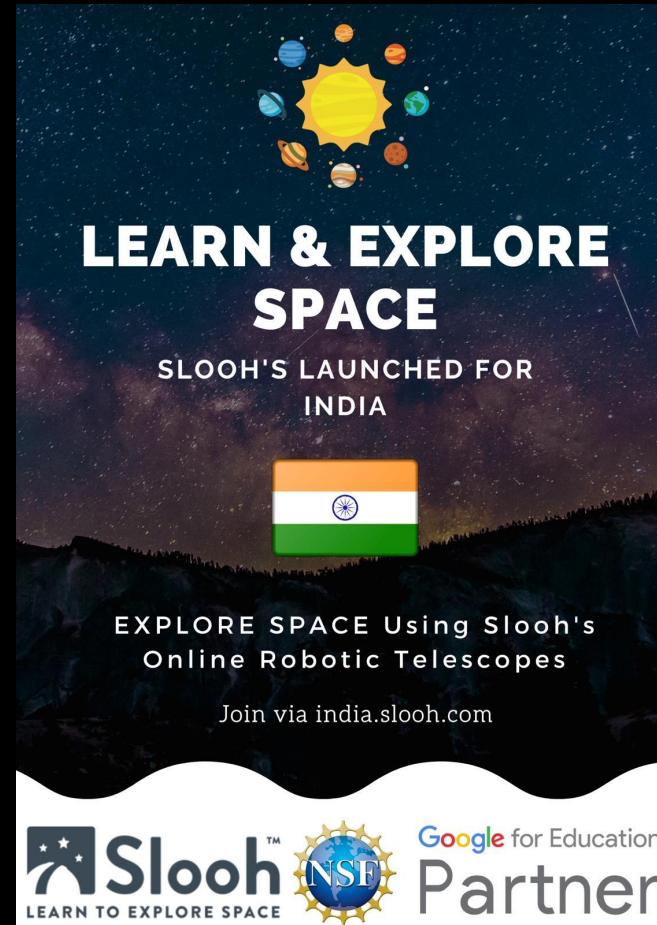
After-school programs

- Boy Scouts Nova Award
- Girl Scouts of New Jersey

Planetariums

- Fleischmann Planetarium, University of Nevada, Reno


Slooh now in India:



A vertical poster for Slooh's launch in India. The background is a dark night sky with a starry field and a faint Milky Way. At the top, a yellow sun is surrounded by several colorful planets. The text is centered and reads: 'LEARN & EXPLORE SPACE' in large white letters, followed by 'SLOOH'S LAUNCHED FOR INDIA' in smaller white letters. Below this is the Indian national flag. Further down, it says 'EXPLORE SPACE Using Slooh's Online Robotic Telescopes' and 'Join via india.slooh.com'. At the bottom, there are logos for Slooh (with 'LEARN TO EXPLORE SPACE' below it), NSF (National Science Foundation), and Google for Education Partner.




**LEARN & EXPLORE
SPACE**

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INDIA



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Contact information:

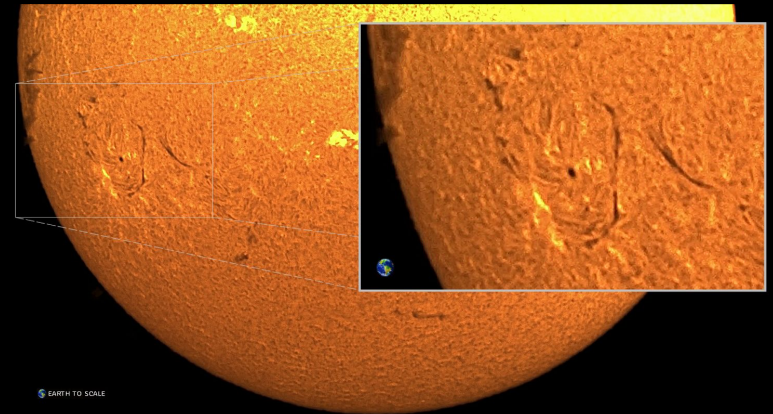
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EARTH TO SCALE

Paul Cox

Canary Islands Solar Telescope
2017-06-15T11:32UTC

 Slooh
TRACE FOR EVERYONE