

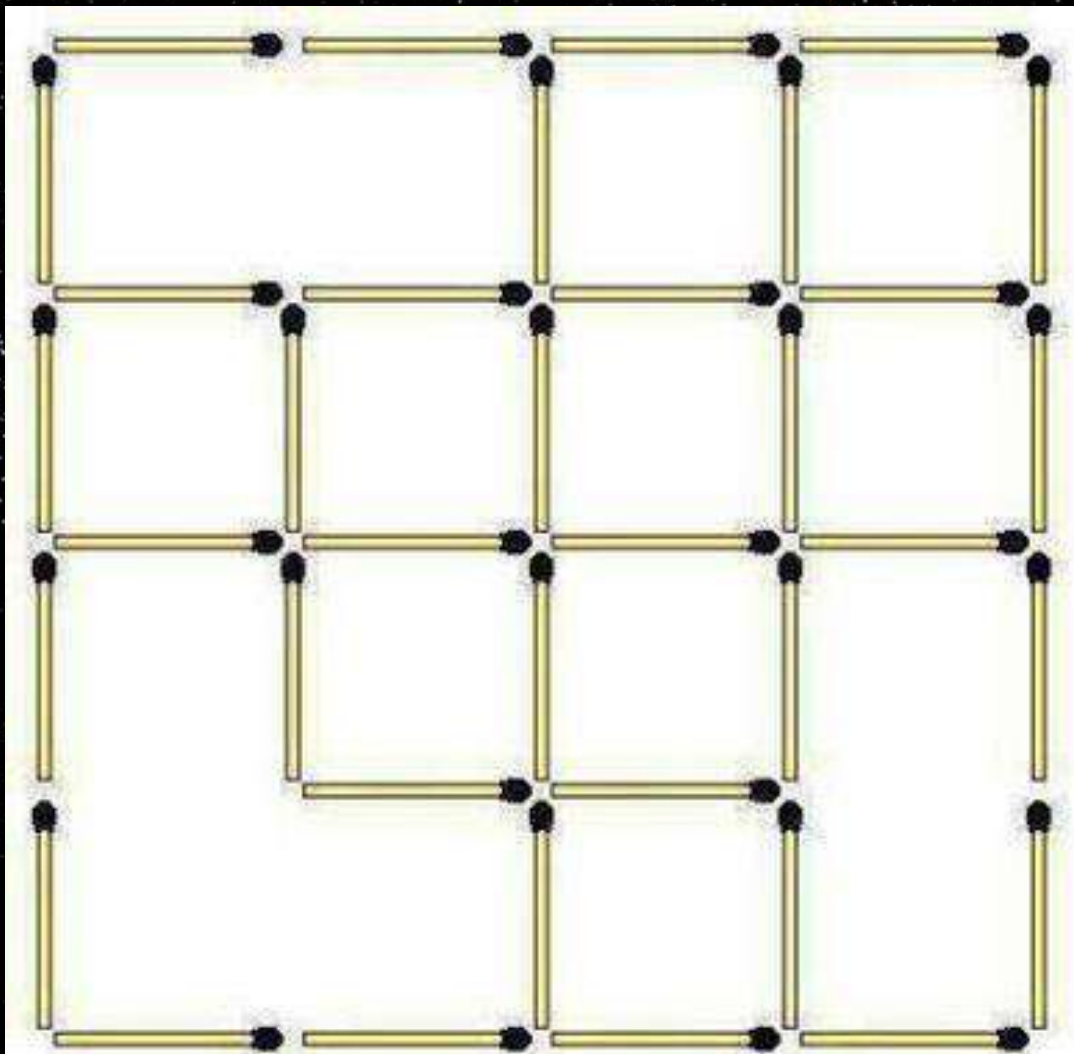
**The Howard Astronomical League** is holding a  
***Super Moon Lunar Eclipse Party*** at Alpha Ridge Park  
11699 Old Fredrick Rd, Marriottsville, MD  
on Sunday, Sept. 27<sup>th</sup> from 7:30PM to 1:30AM



This event is a rare "Super Moon" event where the total lunar eclipse coincides with the moon being at its closest orbital distance to earth. This has not happened in 33 years and will not happen again until 2033. This combination of events makes the moon 15% larger, brighter, and redder than during the average eclipse.

The public is invited to this free event. The observatory will be open and displaying video images of the eclipse. Feel free to also bring your own telescopes, binoculars, and/or lawn chairs and enjoy an evening under the moon and stars with your fellow lunatics.

<http://howardastro.org>



**96% Failed this test. Can you answer it? How many squares are there? :)**



# Introductions

Name and answer?

# Howard Astronomical League



September 17th, 2015



# Upcoming club activities

# Star Parties and public outreach!

## Public Star Party

September 26

## SuperMoon Eclipse

September 27

## Members Only

October 10

## Chaos Fall Star Party

October 12-18

# Public Partnership

## Scanning the Skies

September 19 7-9PM

Register \$6

## Robinson Nature Center Open House

September 20 12-5PM Free



**Member's  
astrophotos and  
sketches**

**Chris Miskiewicz**

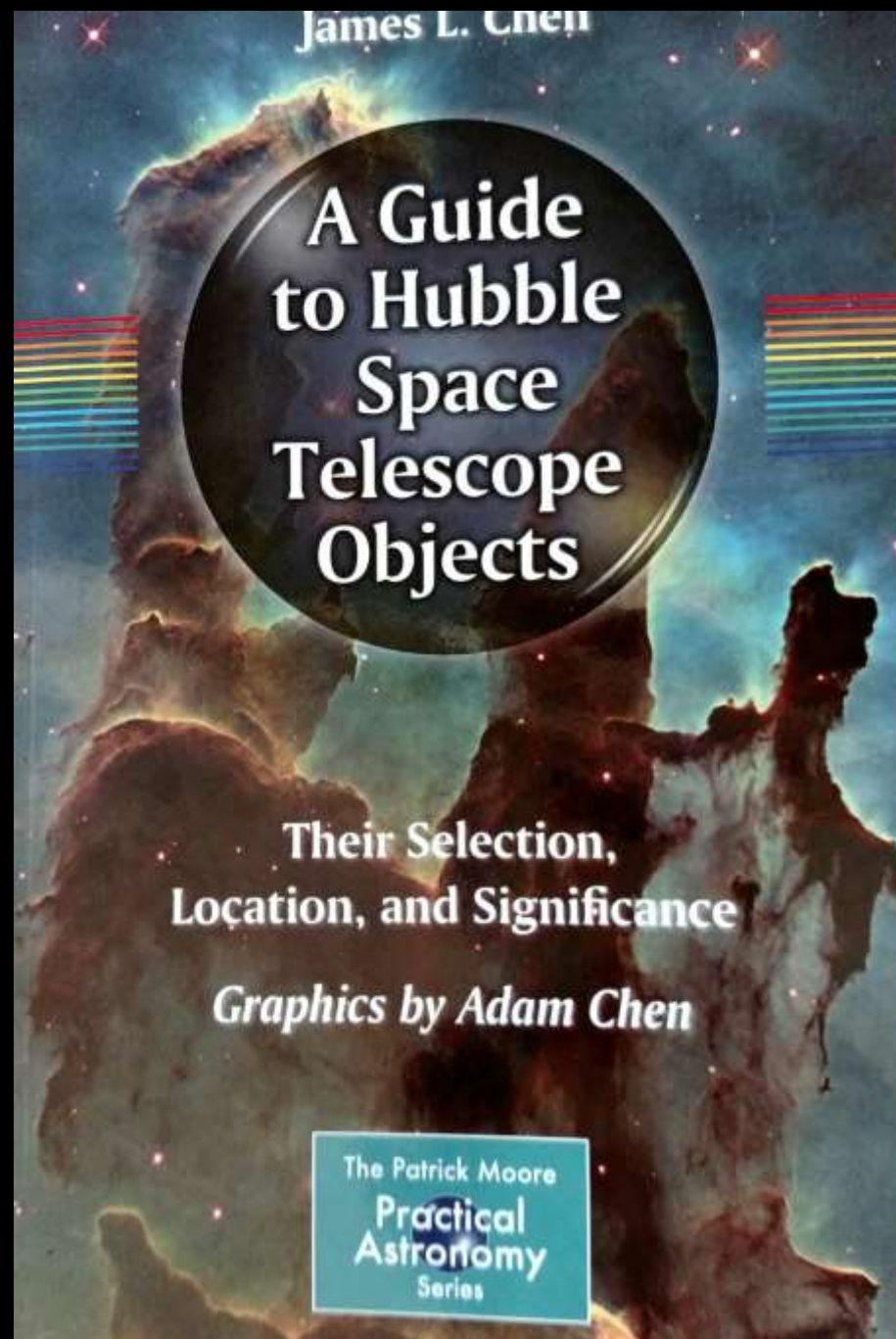




Fig. 8.11 Amateur astrophoto of Uranus (Chris Miskiewicz)

Uranus is by no means a showcase planet to observe. The best a backyard astronomer can hope to achieve is recognizing a small blue-green sphere with little or no detail. Yellow-green #12, green #57, and magenta #30 filters are recommended on these bluish and greenish planets, such as Uranus and Neptune. Observing Uranus is difficult in the average backyard telescope. Uranus's blue-greenish color begins to change to a bright blue using a moderate to large aperture telescope of 12–24 inches in size (Fig. 8.12).

# Herman Heyn



**Mike Krauss**



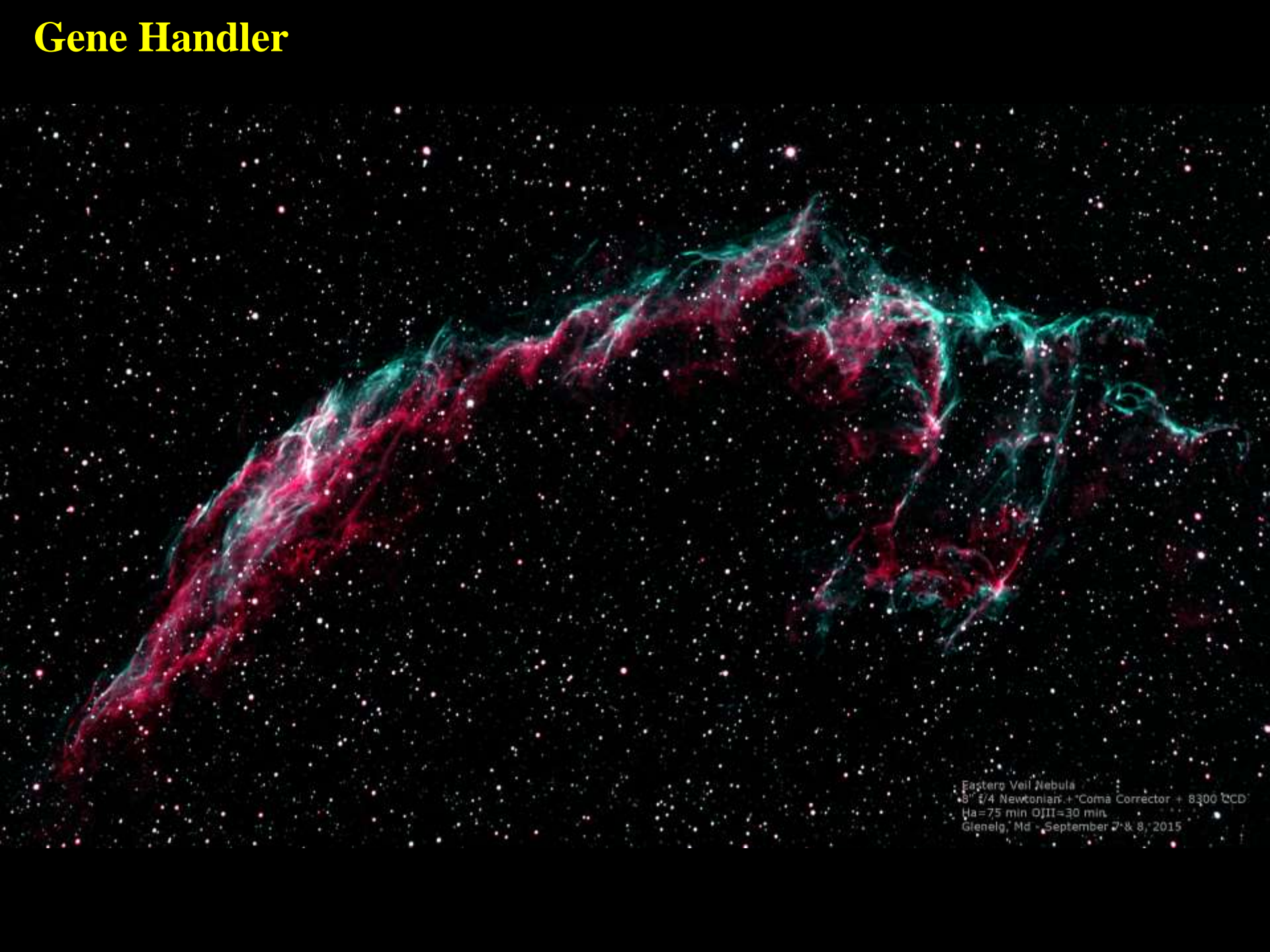
**Mike Krauss**



**Mike Krauss**

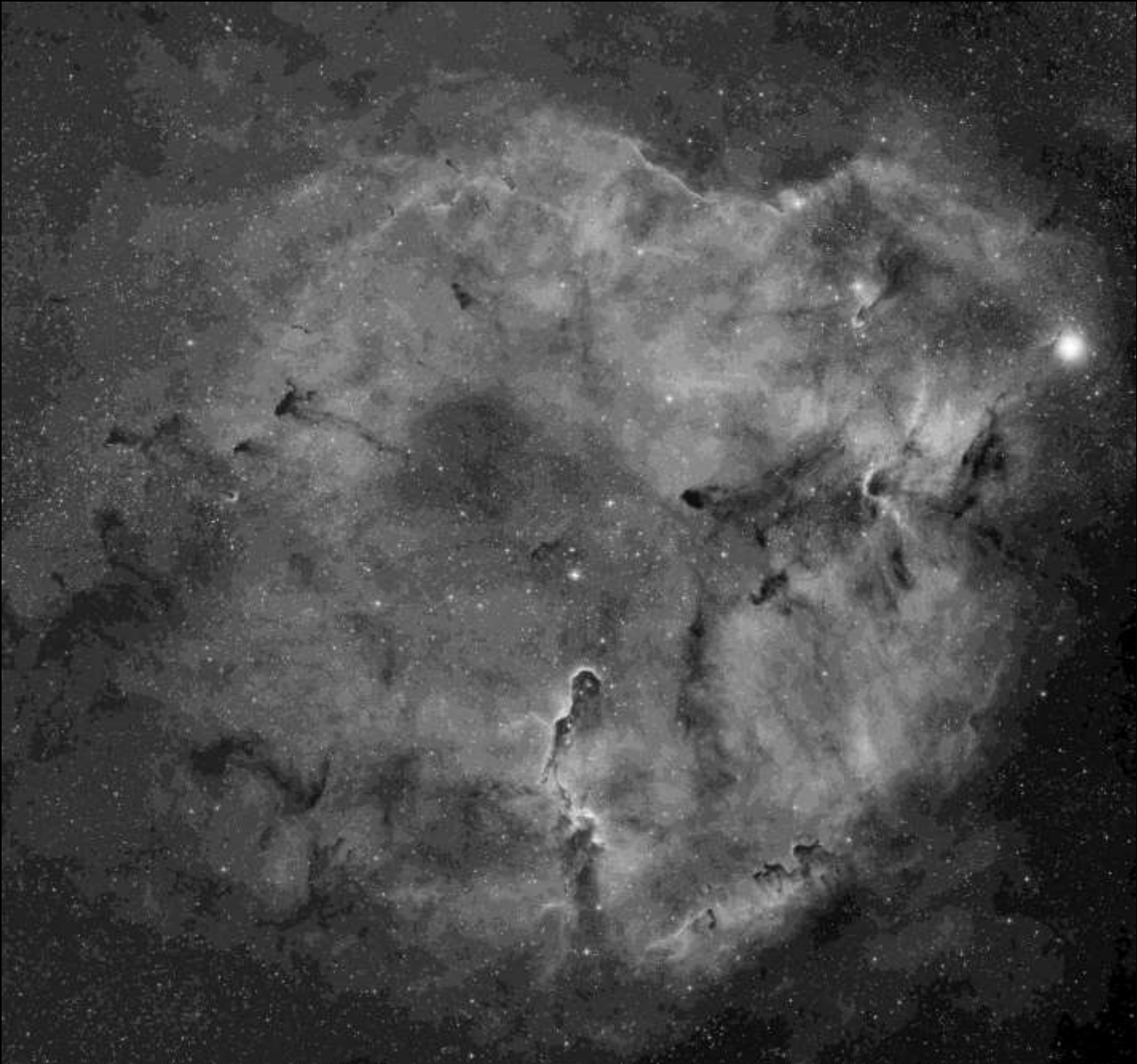


# Gene Handler



Eastern Veil Nebula  
8" f/4 Newtonian + coma corrector + 8300 CCD  
HA=75 min OIII=30 min  
Glenn, Md - September 7 & 8, 2015

**Andy Vogel**



**Andy Vogel**



**Richard Orr**



# Phil Whitebloom



SUN  
AUGUST 29, 2015  
IMAGE BY:  
PHIL WHITEBLOOM

**My Journey to  
become a  
HAL CTO**

# **Detection of Exoplanets by Amateur Astronomers**

**By**

**Dennis Conti**

**Thank You!**

**Next month's planning meeting is on  
Monday, October 5, 2015**

**@ 7:00 PM**

**The general monthly meeting is on  
October 15, 2015**

**@ 7:00 PM**

**Meeting theme:**

**Back to the Pluto Data Stream**