

# Howard Astronomical League



May 16, 2013



# Upcoming club activities

# Public outreach

June 9<sup>th</sup> – Howard County STEM  
Festival

1-4 PM, Howard County Community  
College, Duncan Hall

# Star Parties!

May 18<sup>th</sup> – Public Star Party  
(Girl Scout Troop and Middle School  
Science class)

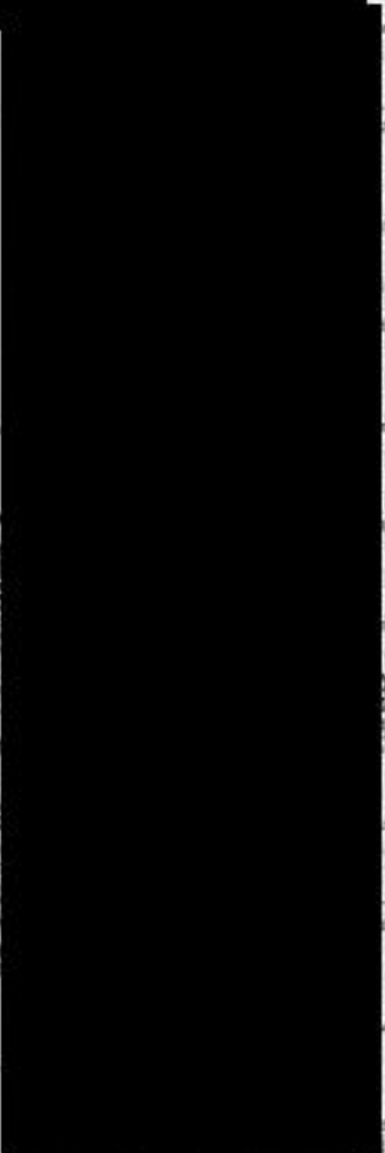
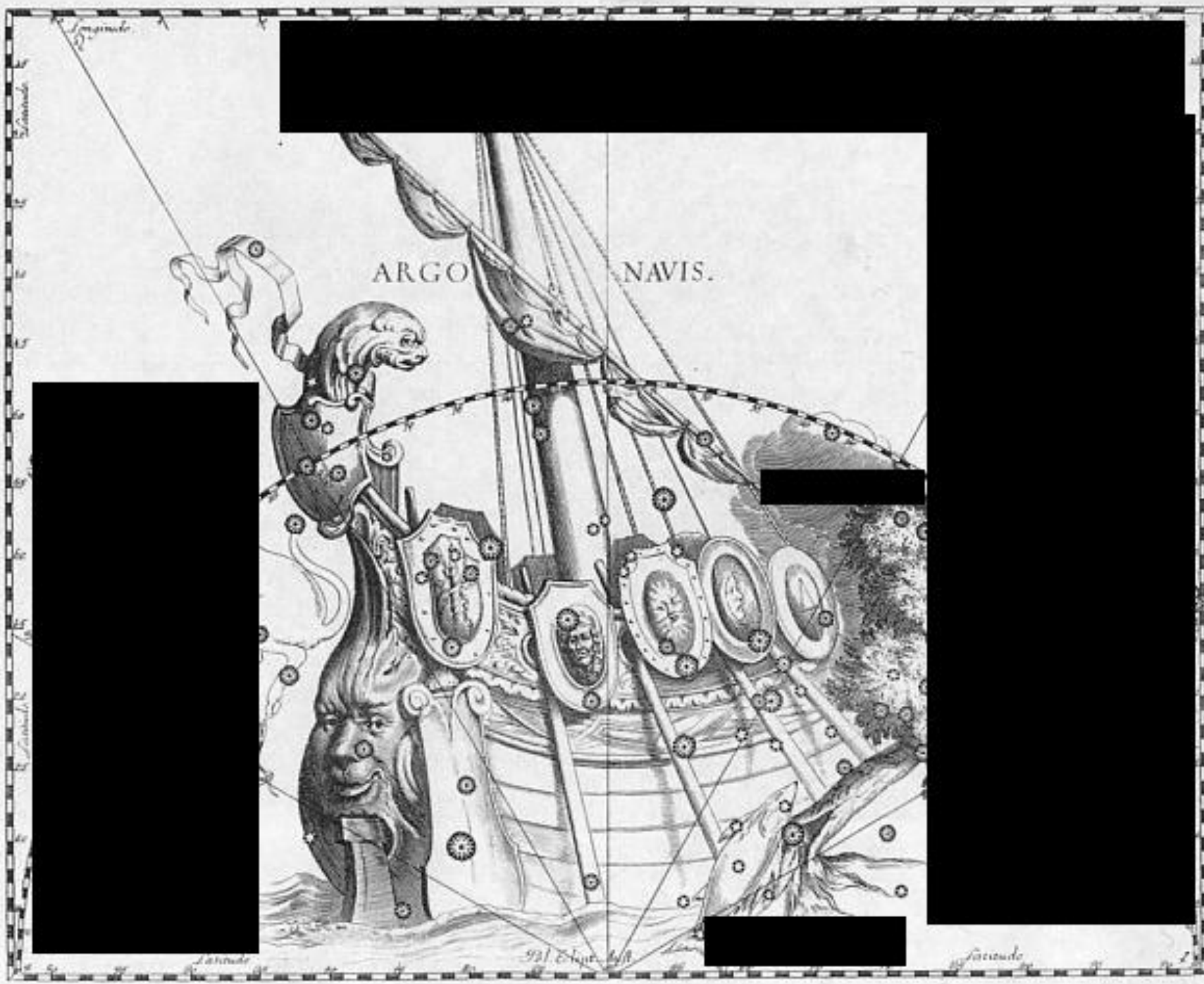
June 1<sup>st</sup> – Members only Star Party

June 15<sup>th</sup> – Public Star Party

# Stumper Question

**How embarrassing is it that I  
messed up last month's  
stumper question?**

**Answer:  
Extremely**



**Nicolas Louis de Lacaille  
divided Argo Navis into three  
constellations.**

**Name them.**

**Dr. K.T. Ramesh**

**Impact and fragmentation  
of asteroids**

**Joe Bohanon**

**Kitt Peak Advanced  
Observer Program**





**HAL on WBAL with  
Ava Marie**



**Member's  
astrophotos and  
sketches**

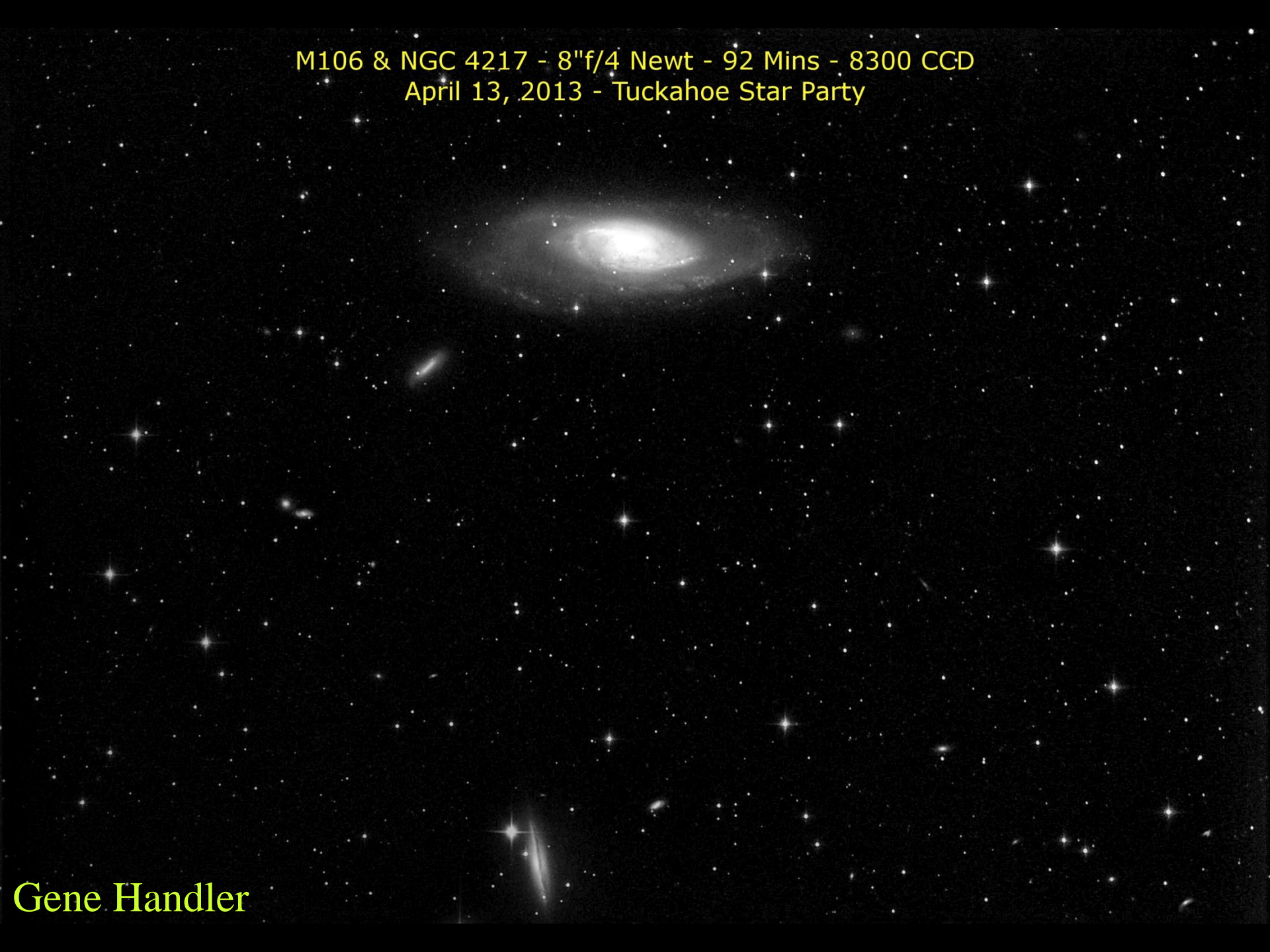
# Gene Handler



**Comet Pan-STARRS - 8" f/4 Newt - 15 mins - SBIG CCD  
Tuckahoe Star Party - April 13, 2013**

M106 & NGC 4217 - 8" f/4 Newt - 92 Mins - 8300 CCD  
April 13, 2013 - Tuckahoe Star Party

Gene Handler



Carson O'Fall



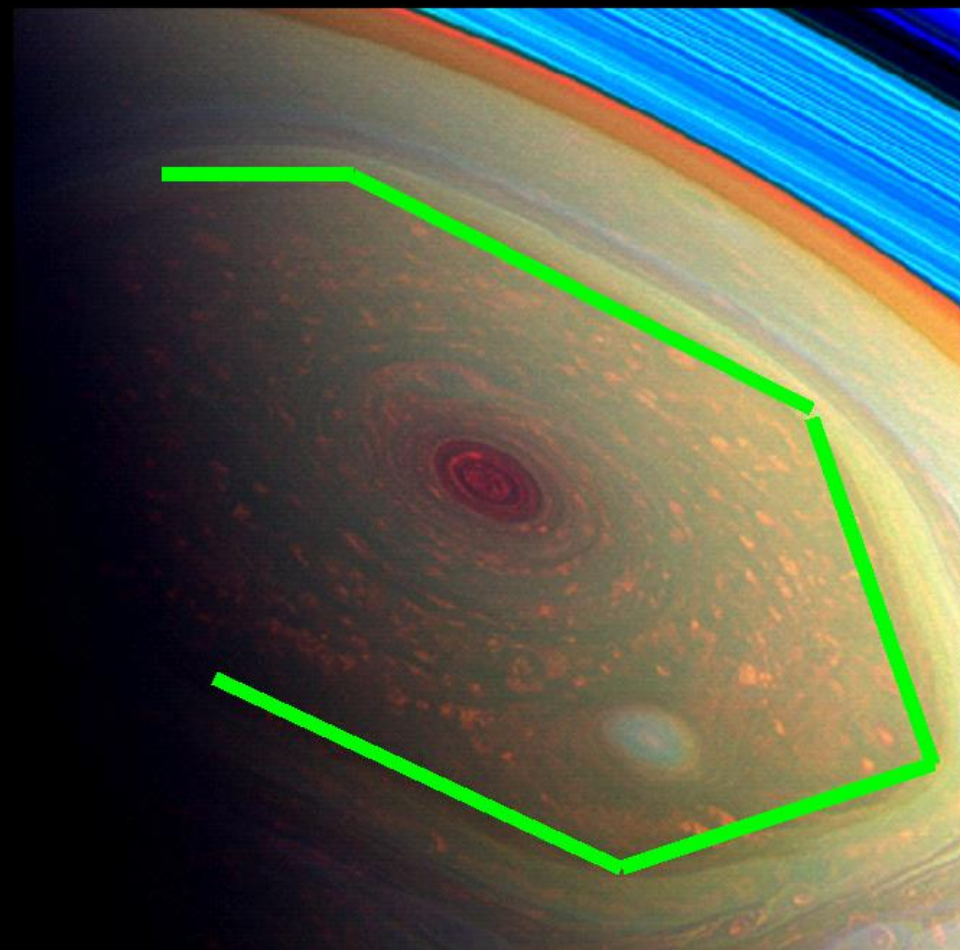
Peter Nerbun



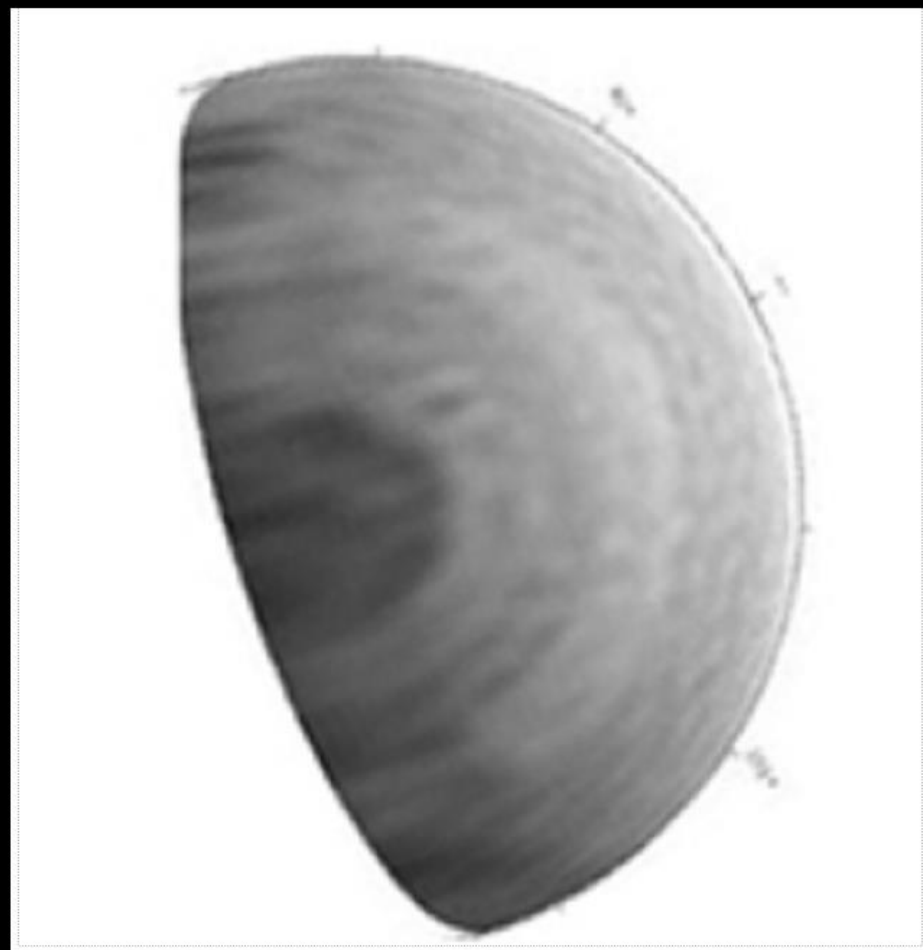
Peter Nerbun

# Saturn's Polar Hexagon

Image Credit: NASA/JPL-Caltech/SSCI



# View from above Saturn's North Pole derived from my camera image



**Saturn's Polar Hexagon**  
(15,500 mile diameter)  
**and Hurricane Eyewall**

**Saturn's Hurricane Eyewall**  
(1,250 Mile Diameter)

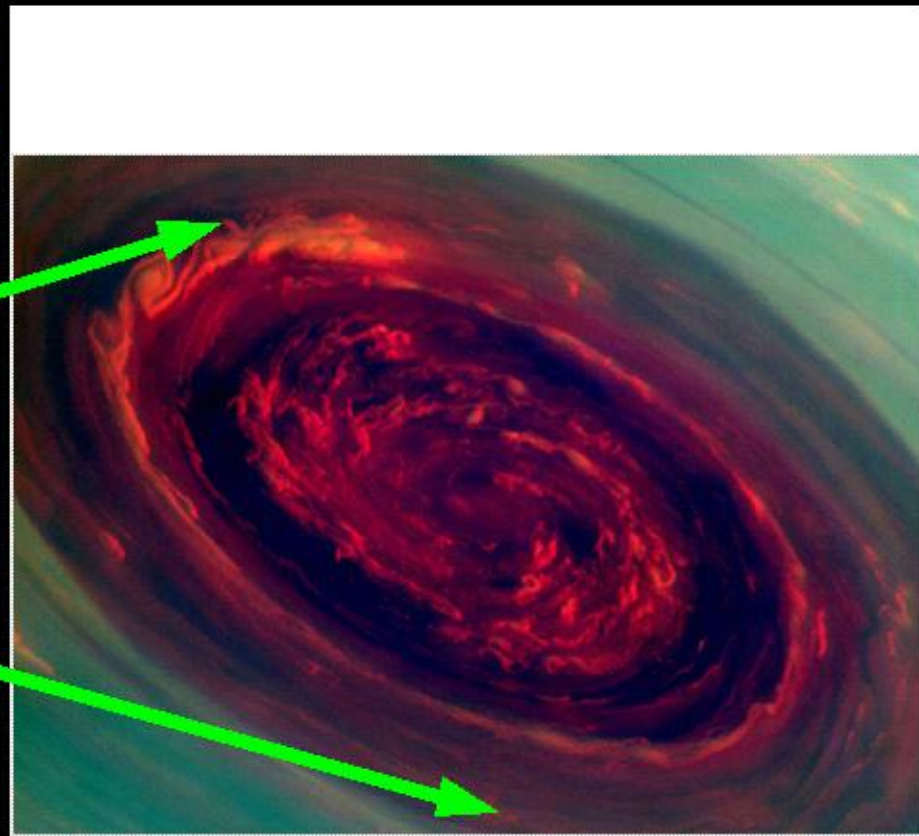
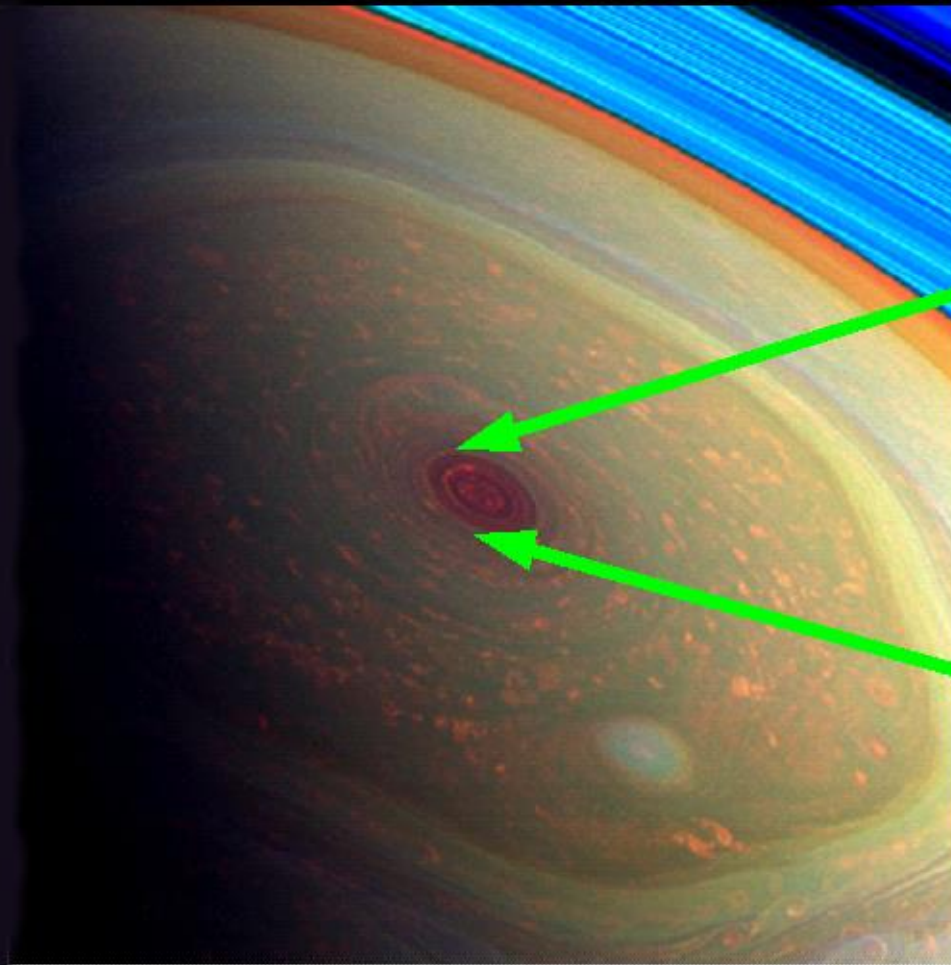
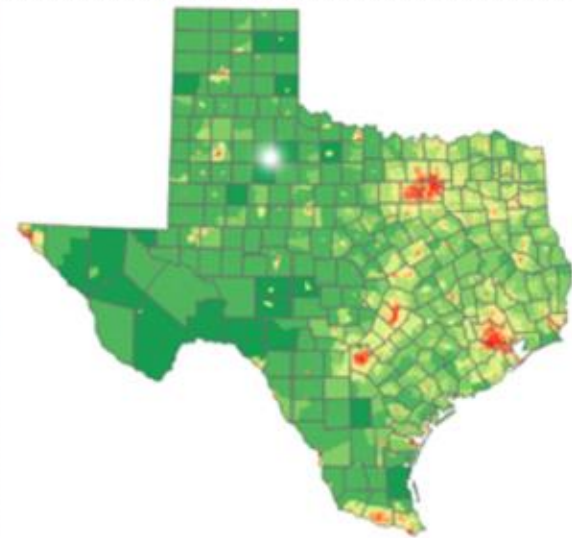
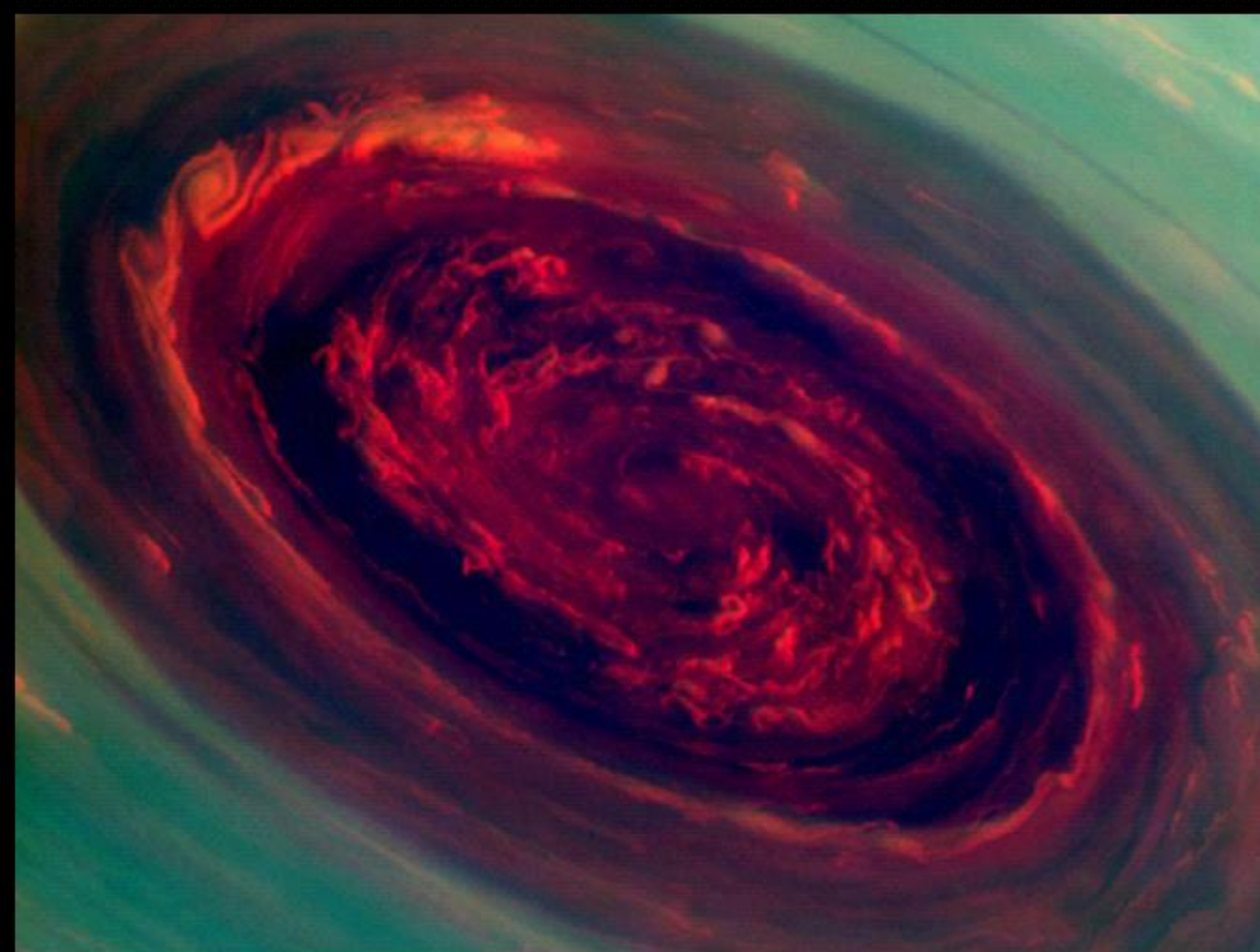


Image Credit: NASA/JPL-Caltech/SSCI

**Saturn's Polar Hurricane  
Eyewall  
(1,250 mile diameter)**

Image Credit:  
JPL-Cal Tech/SScI

**Texas  
(718 Miles Wide)**



Chris McGrath



Photo by Chris McGrath

Chris McGrath



Photo by Chris McGrath

# James Willingham



Elevation: 39 Degrees

CM1: 218.7 CM2: 126.2 CM3: 307.0

Elkridge, Maryland USA/Meade 12" SCT/Astronomix RGB Filters/2.5X Powermate

0508.0UT

May 2nd 2013

James Willingham

James Willingham

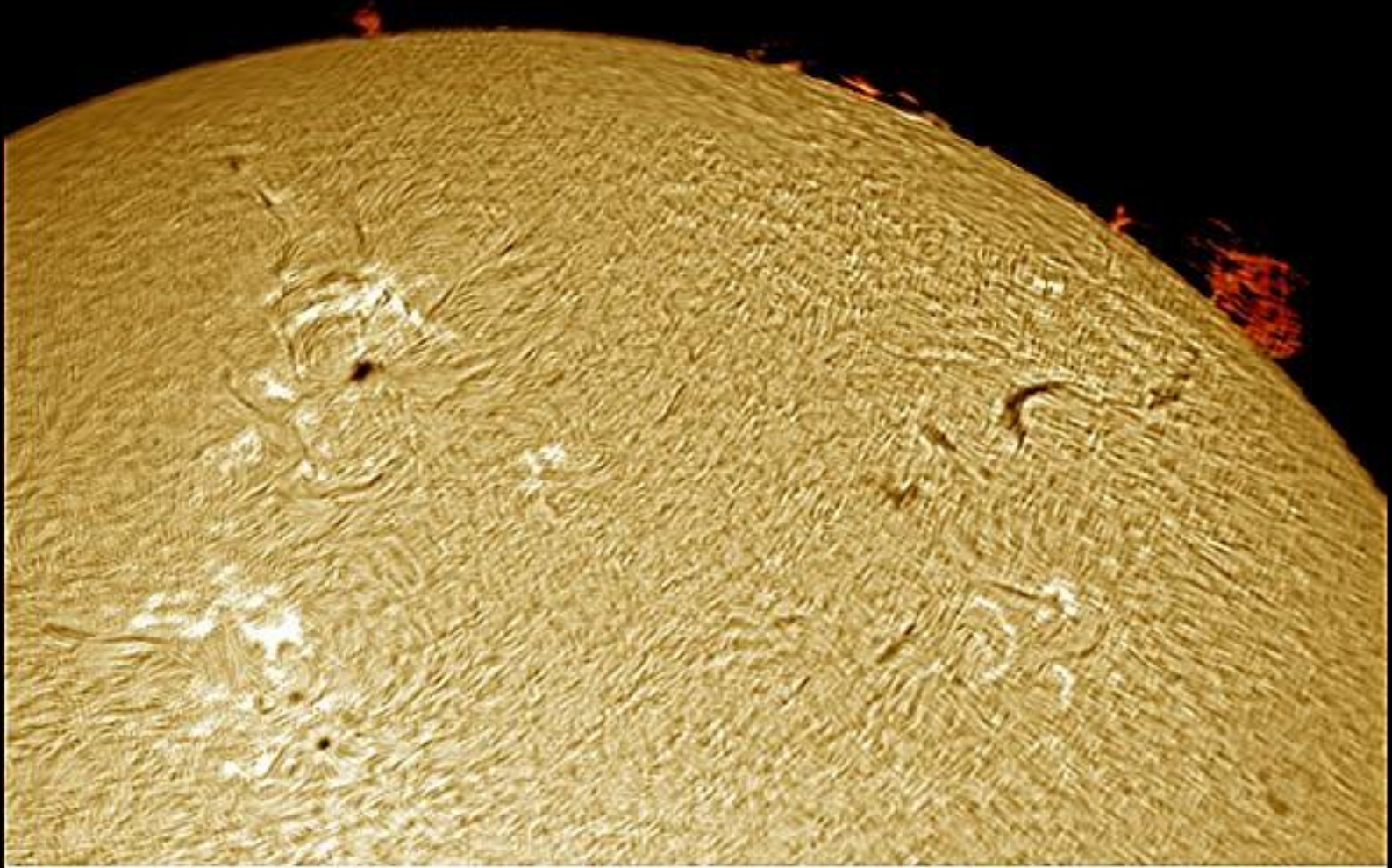


Herman Heyn



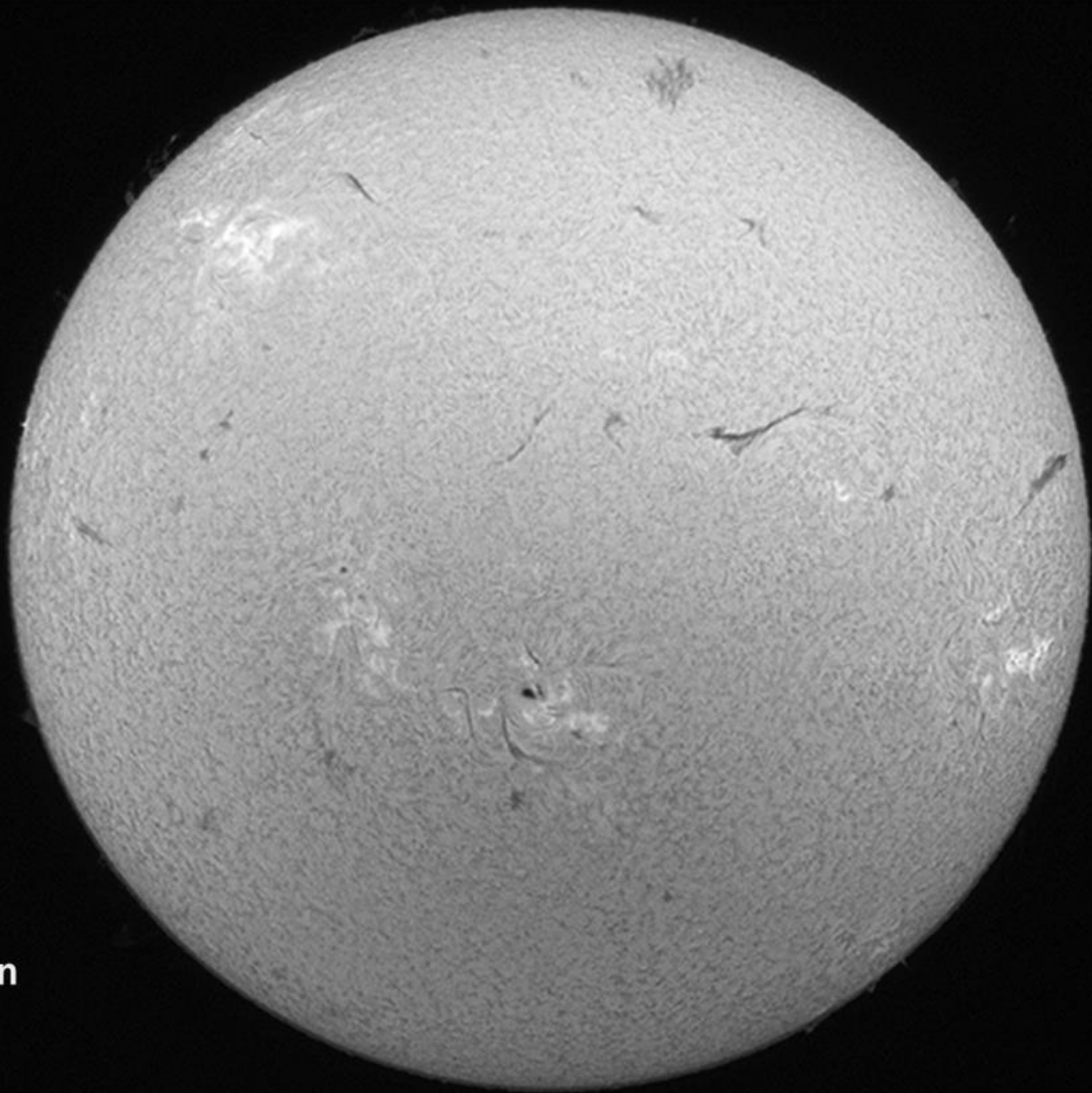
# James Willingham

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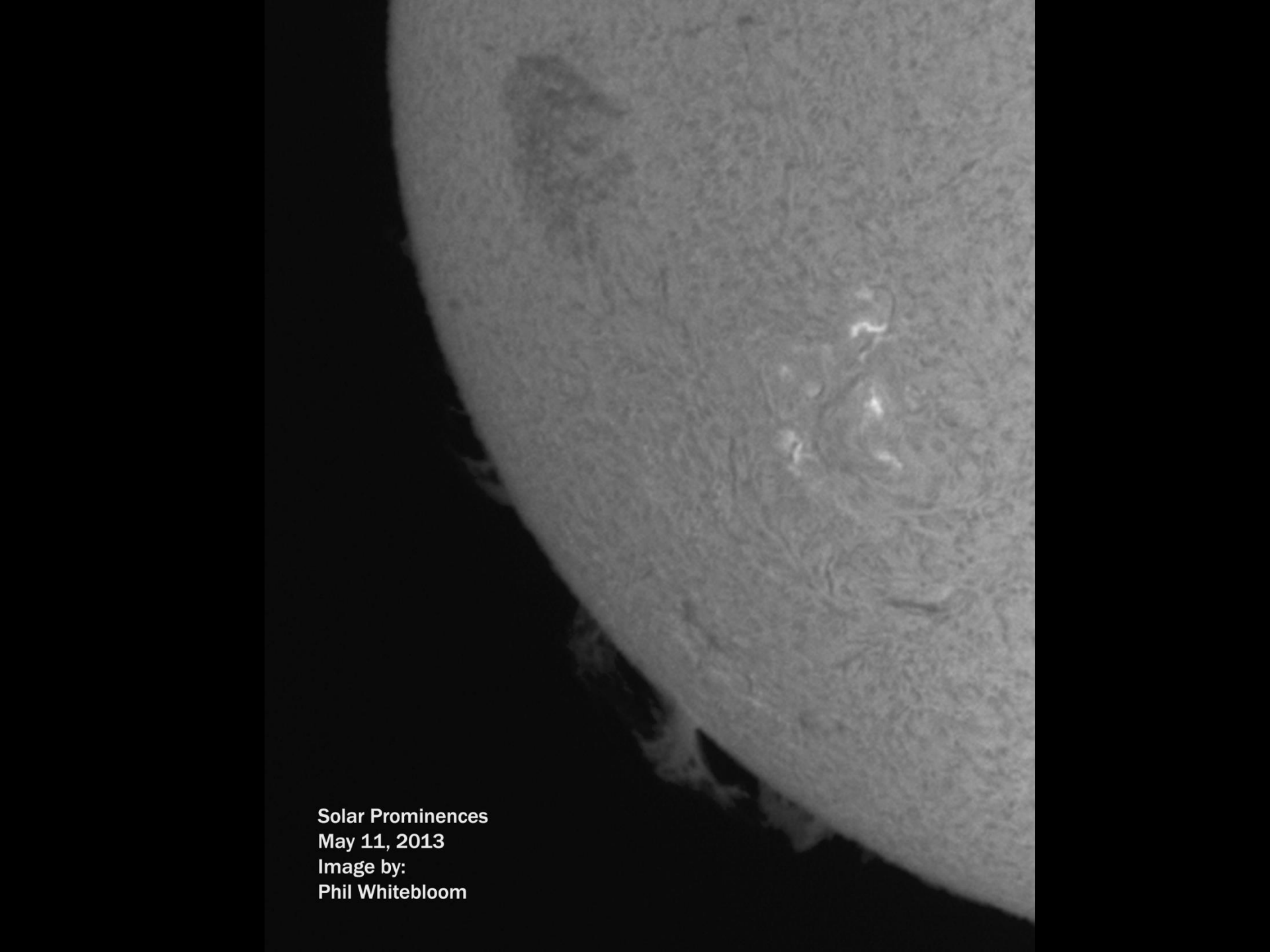


James Willingham





**Face in Our Sun**  
**May 5, 2013**  
**Image by:**  
**Phil Whitebloom**



**Solar Prominences**  
**May 11, 2013**  
**Image by:**  
**Phil Whitebloom**

**Stumper answer**

**Nicolas Louis de Lacaille divided Argo  
Navis into three constellations.**

**Name them.**

**Carina (the Keel),  
Puppis (the Poop deck),  
and Vela (the Sails)**

Thank You!

Next month's meeting is on Thursday,  
June 20, 2013  
7:30 PM

Guest speaker:

Me!

“So you wanna attend a regional star  
party?”