

* CAS *

Charlottesville Astronomical Society



August 2014

Welcome Guests!

Please introduce yourselves!



Our Speaker



Rob Capon
Automating an Amateur Observatory

Club Business

- 100 members (dues paid)
- Checking account and Cash on Hand: \$3,443.02
- Email Ed Preston for information on discounted subscriptions to Astronomy and Sky and Telescope
- ed.pr3ston@embarqmail.com



Club Scopes

- Club Scopes available for use by members <http://cvilleastro.com/club-telescopes-available-for-club-member-use/>
 - See Rich for information richard@drummdigital.com



Future Club Events

Annual Retreat at
Fan Mountain
August 22 - 23

Rain Dates

September 19 - 20
September 26 - 27



Retreat Activities

Guest Speaker Friday at 7:00 – SkyNet

Apurva Oza

Solar and H alpha Viewing on Saturday

John Avellone, Rich Drumm, Michael
Hegedus

Swap Meet on Saturday

Leo Lombardi

Guided Tours of the 40" and 31"

Saturday at 7:00

Whitney Richardson



DSBK

Central Virginia Star Party

Saturday, August 23

6 – 10 pm

Albemarle Cider Works in North Garden

CAS has been asked to help out



Heidi's Night

Friday, August 29 – 8:30 to 10:30



Steve Layman, Michael Hegedus so far....

Need someone to run 26", Need someone to present,

Need someone to coordinate

Future Club Events

First Fridays at Ivy Creek

Friday, September 5

8:00 talk

9:00 star party



Future Club Events

Star Party at DuCard Winery

Friday, October 3

Madison County

8:00 talk

9:00 star party



CAS Needs YOU!!!!!!

The following offices need to be filled in November:

President ?

Vice President ?

Treasurer – Michael Hegedus

PLEASE ask for more details and plan to
STEP UP!



Observing Awards



Michael Hegedus

Josie Landress

Larry Landress

Ed Preston

Astronomical League Astronomy Outreach Program

CONGRATULATIONS !!

Goddard Tour 2014



Visitors Center



History Wall



Space Environment Chamber



Centrifuge



Sonic Chamber



Largest Clean Room



Dr. Michelle Thaller,
Assistant Director and
our host



CAS Library

The Library is
DOWNSTAIRS
Check it out

Updated Monthly
Do you have books or videos
to contribute?

Upcoming Speakers

September

Wednesday, September 3



**Zach Constan, Outreach Coordinator, National
Superconducting Cyclotron Lab
“A Supernova in the Lab”**

Upcoming Speakers

October

Wednesday, October 1



UVA Cosmologist Mark Whittle

“What’s up with Gravity Waves and the Speed of Light”

Upcoming Speakers

November

Wednesday, November 5

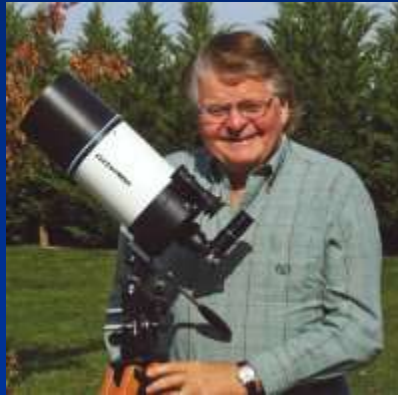


CAS President Steve Layman
“Cool Astronomy Software”

Upcoming Speakers

December

Wednesday, December 3



**Jim Mullany, Astronomer and Author
“Observing Double Stars and the Herschel Objects”**

Upcoming Speakers

January

Wednesday, January 7

Video Lecture



Elisa Quintana, Kepler and SETI Institute Scientist
“Kepler 186f – First Earth Sized Planet Orbiting in the
Habitable Zone of Another Star”

Upcoming Speakers

February

Wednesday, February 4



Greg Redfern, NASA Solar System Ambassador “The Chesapeake Bay Impact Crater – the Inside Story of America’s Largest Impact Crater”

Member of the Month

- * Born and Raised in Ohio
- * Grew up in Toledo – Home of Lyman Spitzer
- * Has lived in Charlottesville since 1977
- Fell in love with the night sky as a Boy Scout
- * First view of night sky through telescope at University of Toledo Observatory



* Biggest decision at age 16 Edmund Scientific reflector or Fender Bassman amp *



* Rock and Roll prevailed

- * Arrived in Charlottesville in 1977
- * Purchased first telescope (tasco refractor) for self for 40th birthday – not an informed choice
- * Joined CAS in 2002???? Loves doing outreach



* Hobbies – N scale trains, railroad history, photography



Scratch built layout



Best astrophoto

- * Retired high school band director
- * Currently directs Charlottesville Municipal Band



- * Manages CLUSTER Telescope Loaner Program for UVA



Steve Layman



Your Pictures Wanted.....

<http://cvilleastro.com/astro-images/>

Send them to Webmaster Larry Saunders



What's Up This Month

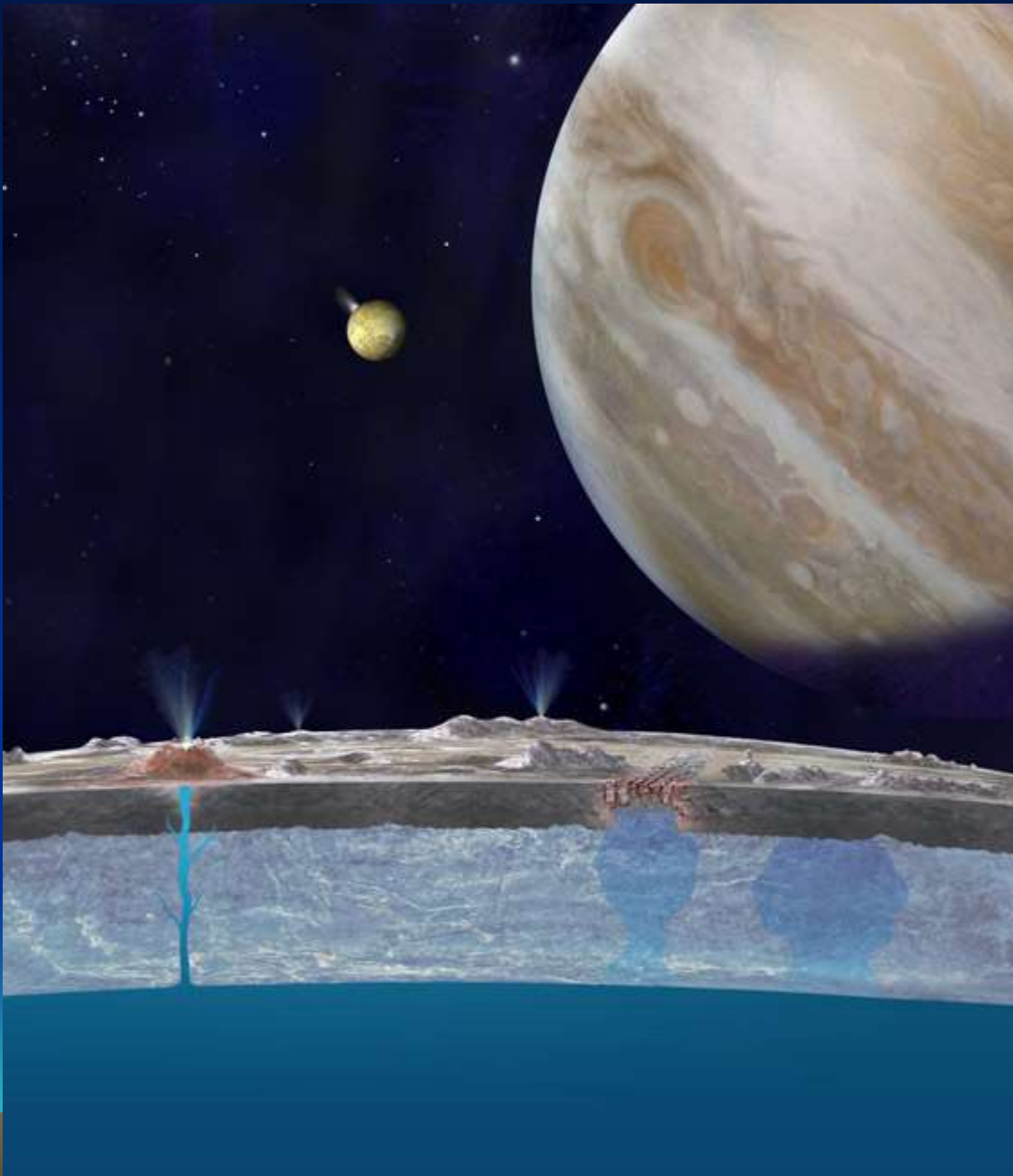
<http://www.nasa.gov/sites/default/files/whatsup20140801-320.mp4>

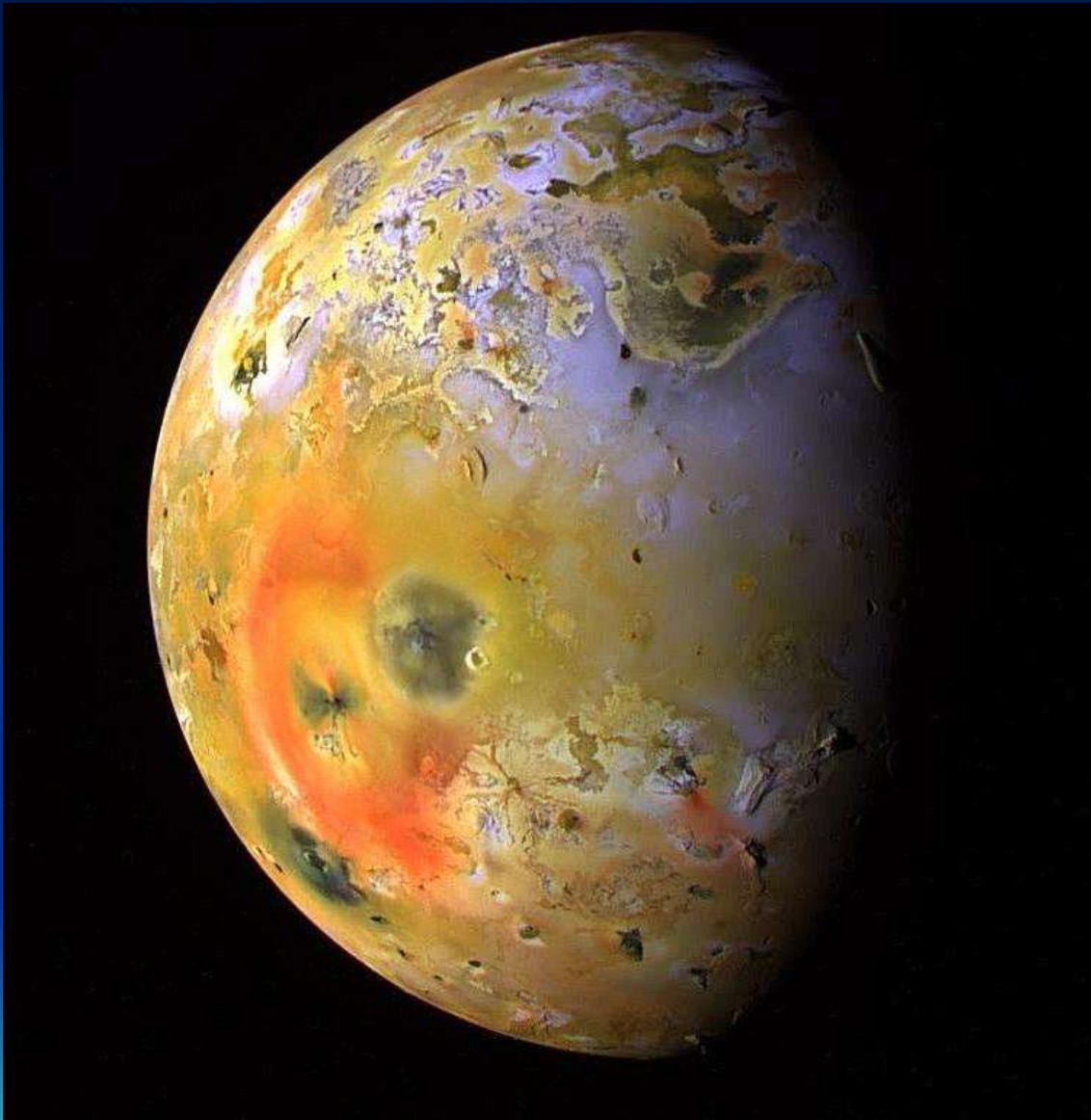


My Favorite Object:

Europa
by
Chris
Nichols

- Image: NASA/JPL





- Galileo spacecraft photo, NASA

Io

Europa

a

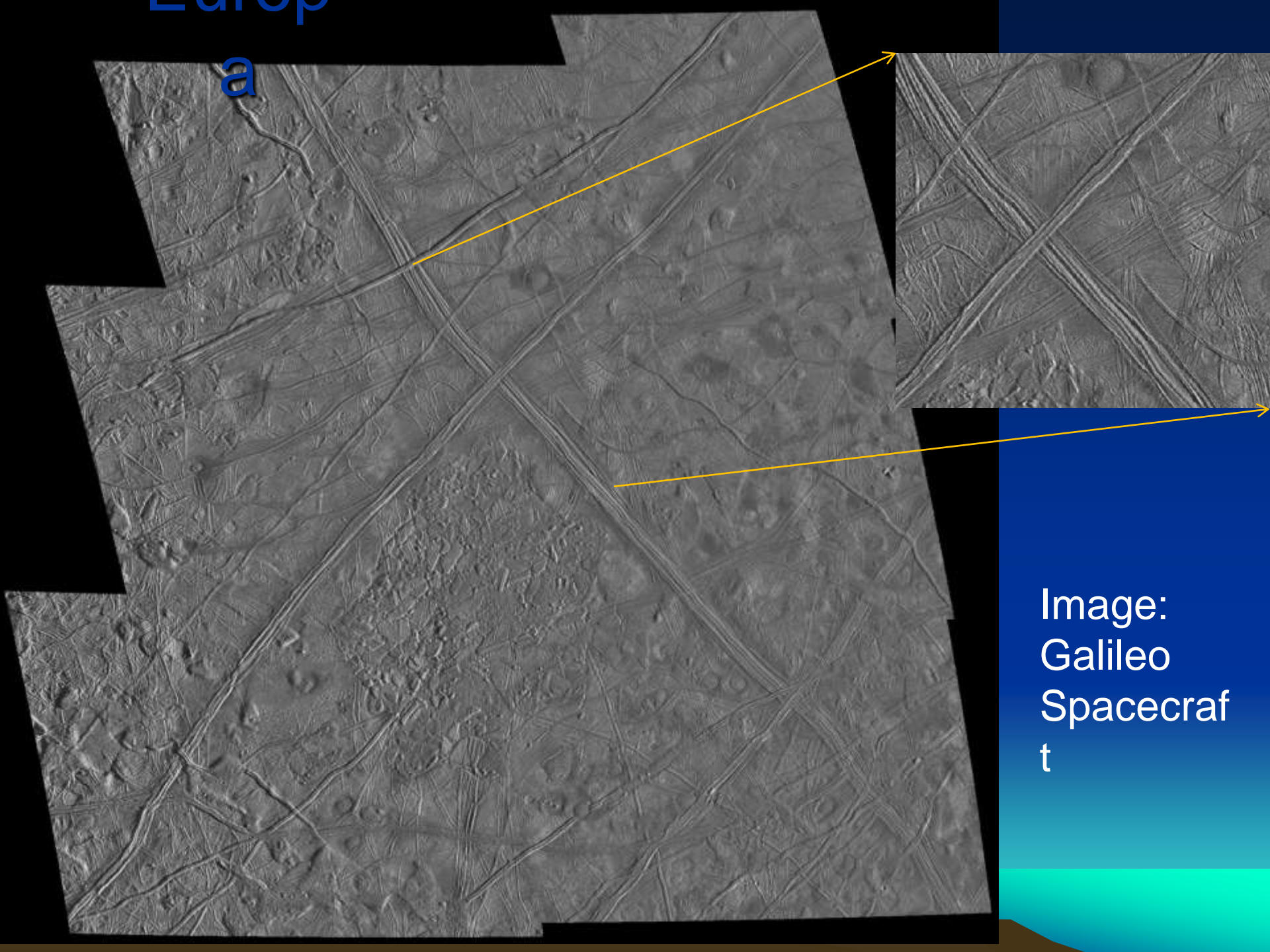
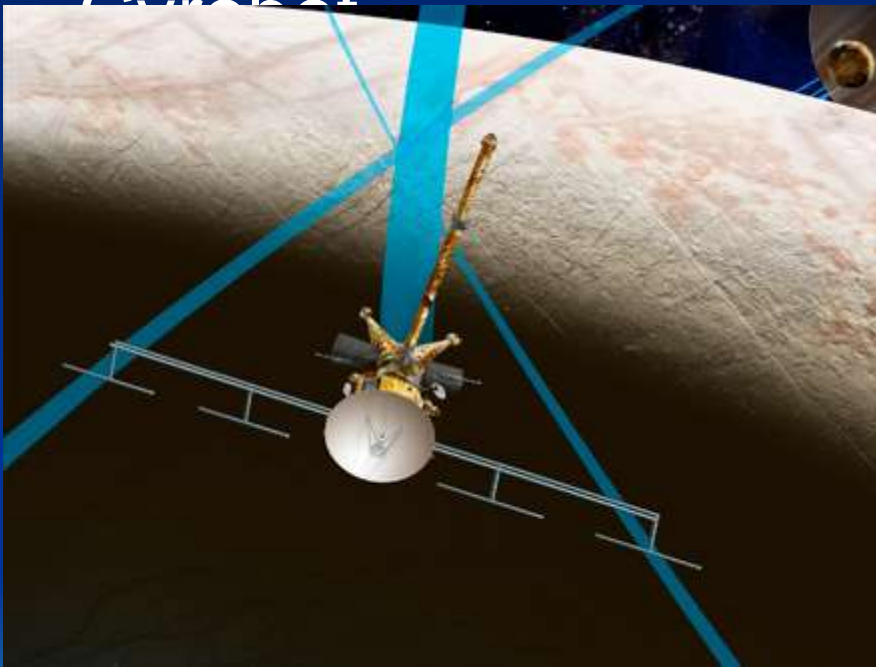


Image:
Galileo
Spacecraft

Missions

- 2020's: Clipper
Orion



Images: NASA/JPL

Unplanned:



NASA

What will we find?



Web Site of the Month

The Milky Way Project

<http://www.milkywayproject.org/>



Door Prize Drawing

