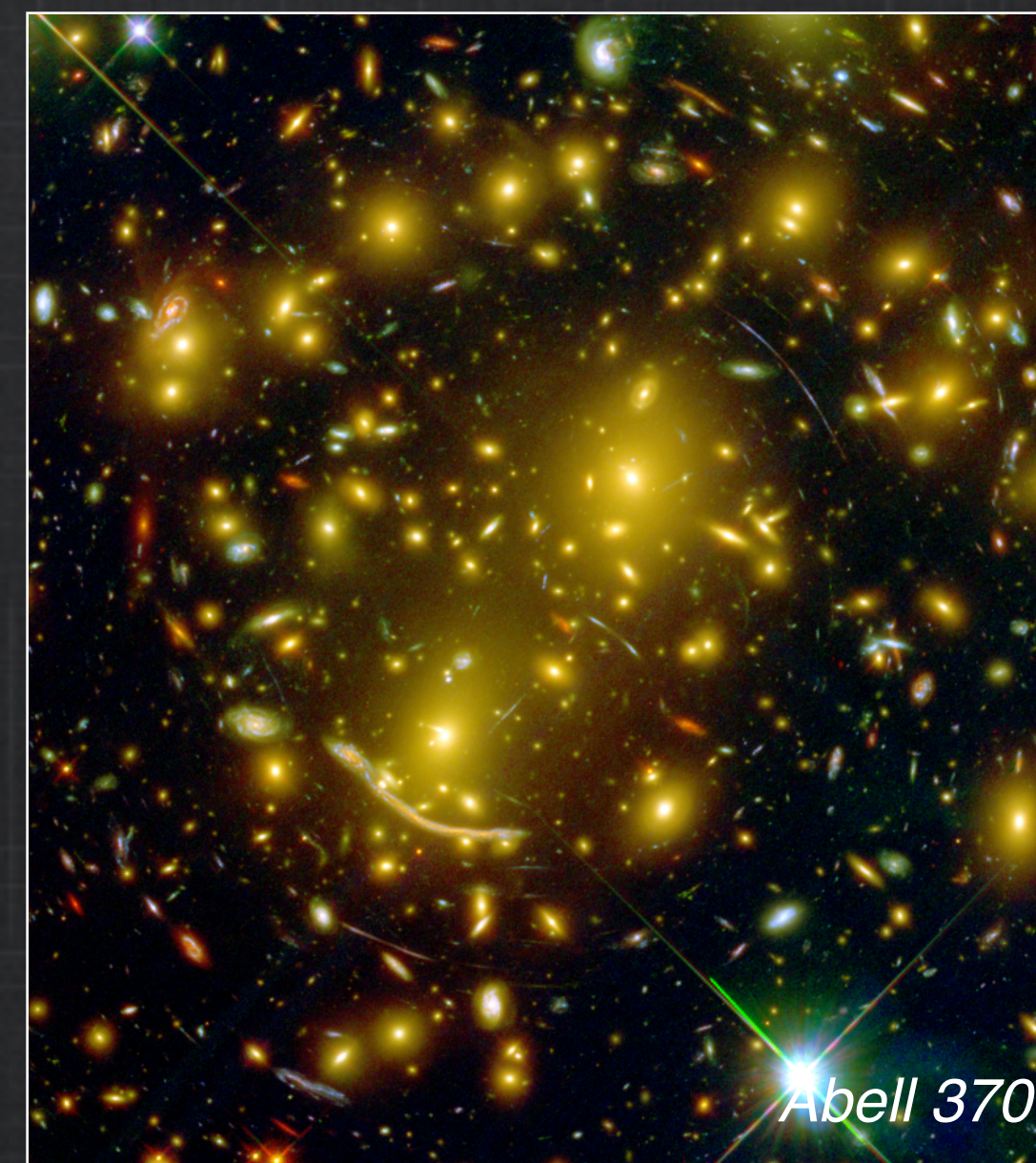
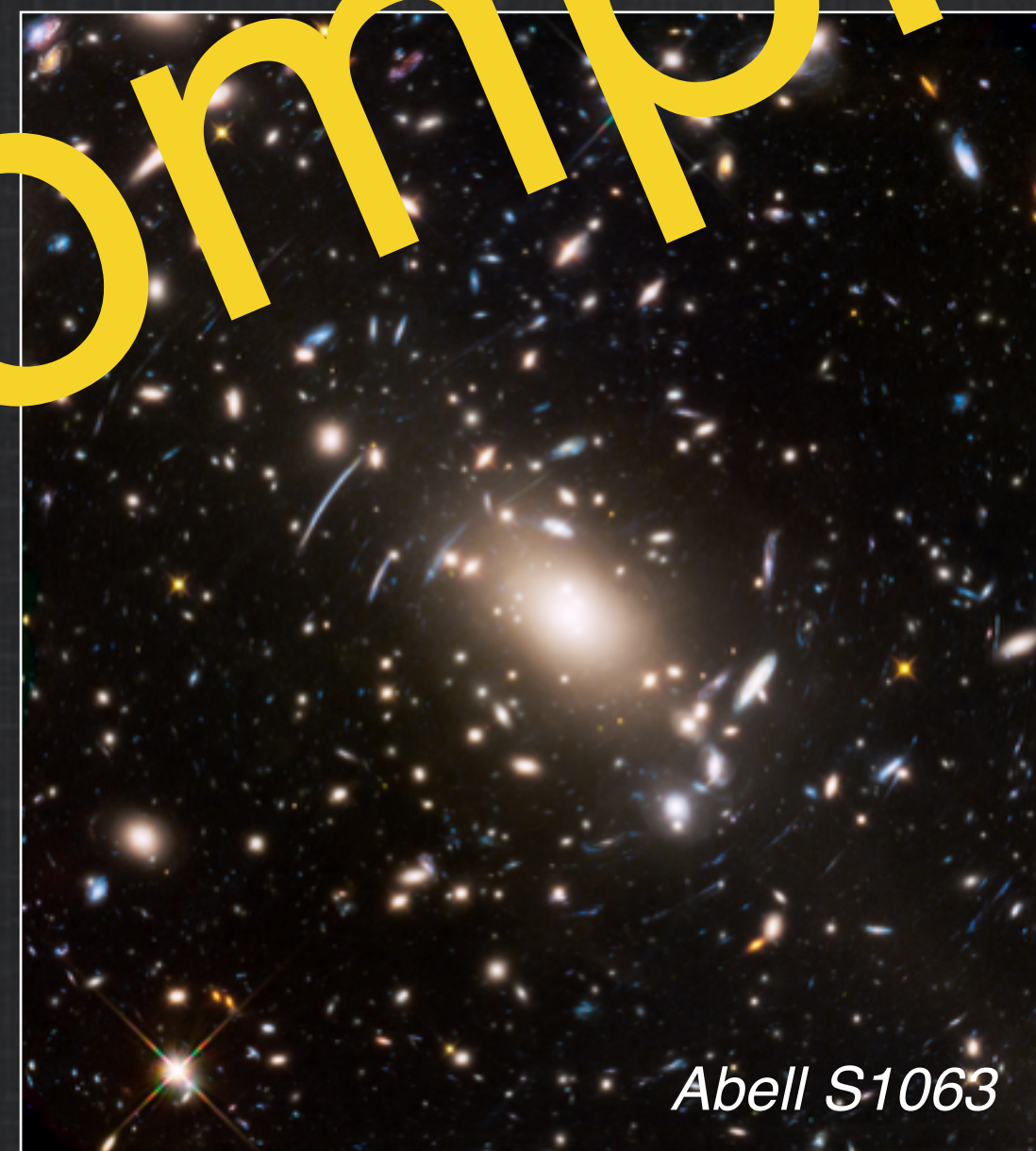
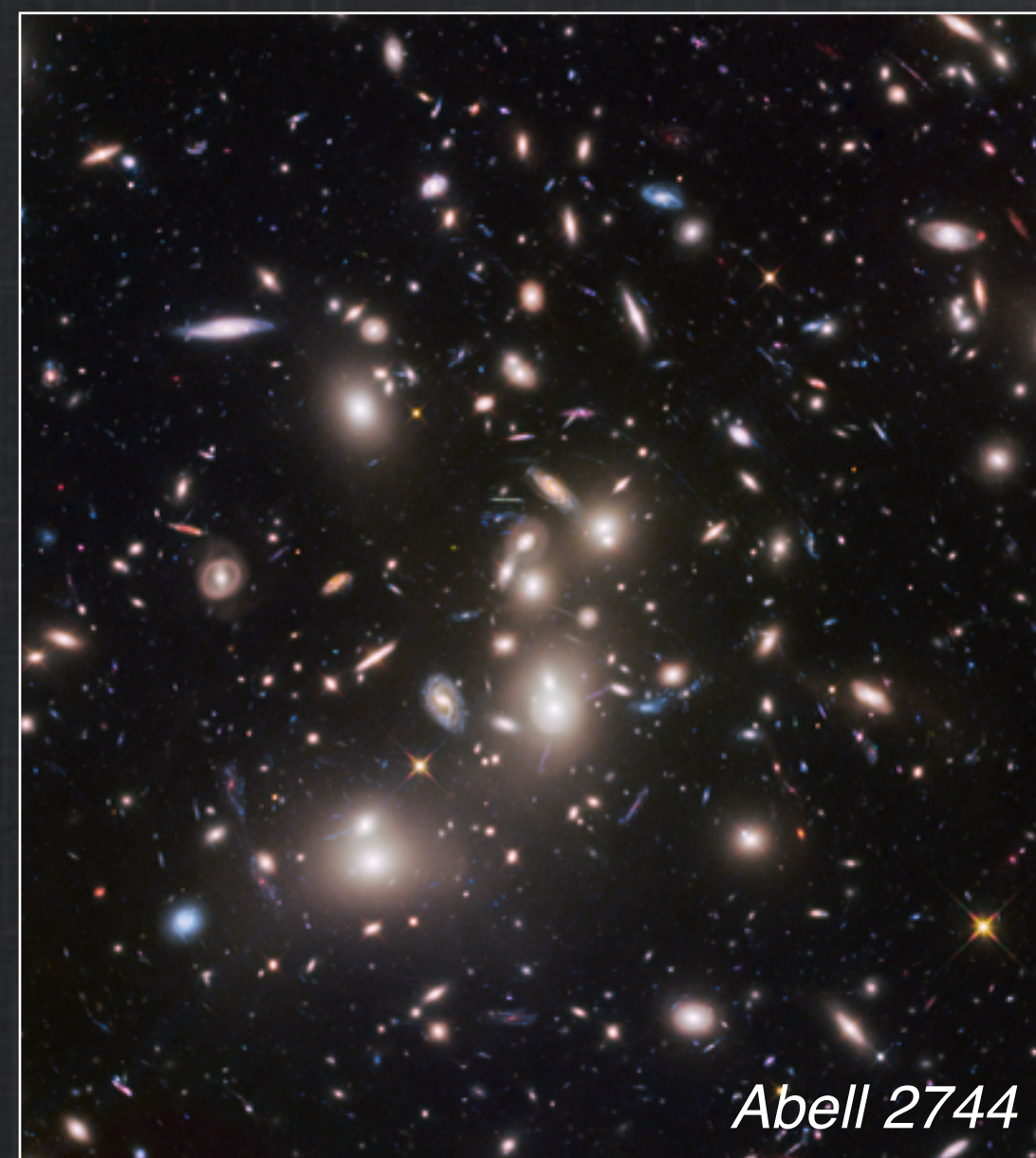


**STUC Meeting**  
**20-21 Oct 2016**  
**Kenneth Sembach**  
**STScI**







PI: Jennifer Lotz

840 HST orbits

+

Spitzer,

Chandra,

XMM,

Gemini GEMS AO,

Keck,

GTC

+

6 modeling groups

83+ refereed papers

24 HST Cy21-23


GO/AR/Theory Programs

3 FF workshops

(2014-2015)



# Hubble Reveals Observable Universe Contains 10 Times More Galaxies Than Previously Thought

[U.S.](#) | [World](#) | [Politics](#) | [Money](#) | [Opinion](#) | [Health](#) | [Entertainment](#) | [Style](#) | [Travel](#) | [Sports](#) | [Video](#) Live TV U.S. Edition + menu

Leaders slam Clinton campaign

The guy in the red sweater just sold out

Cop investigating NBA star is found dead

'Ain't nobody got time for this': 911 operator allegedly hung up on callers

### News and buzz

10 cat gifs that sum up the 2016 race **45 m**

2 cops shot; suspect killed

Huge winds to blow in Northwest

The golden age of black TV is now **2 h**

Gorilla escapes at London Zoo **2 h**

Opinion: Bob Dylan deserved the Nobel


Actor passes away at age 52 ▶

Thailand's King dies at 88

Captors free 21 missing girls **51 m**

NBA star digs into fan's nachos


Scott Baio to women: Grow up ▶



## This Clinton surrogate could finish off Trump

[Trump denies groping accusations](#) | [More women accuse him](#) | [This led accusers to speak out](#) ▶

### Another Hubble Telescope discovery



Galaxy count just increased 10x

What it would take to explore deep space

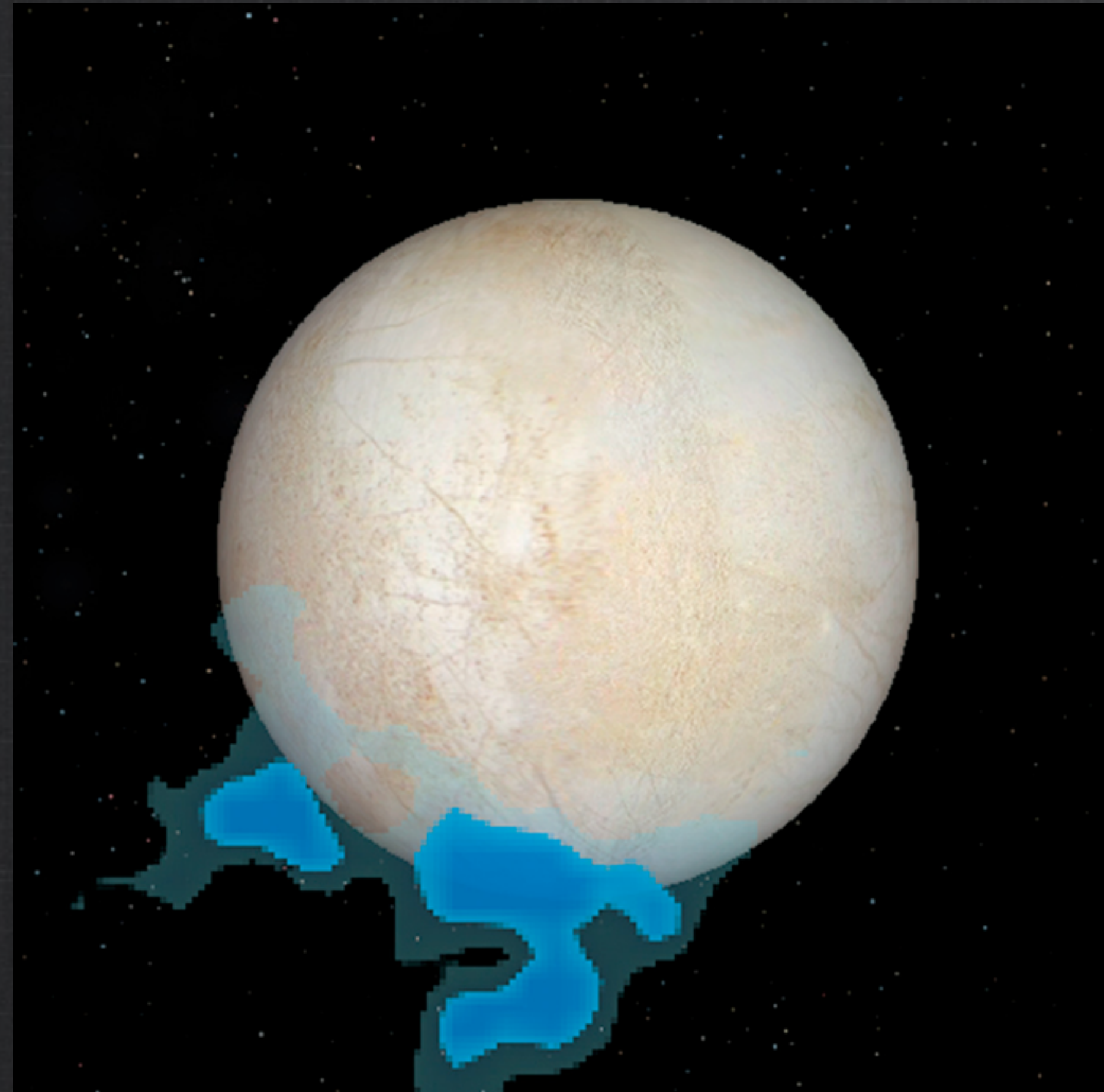
Obama: America's going to Mars

Weird planets beyond our solar system 📷

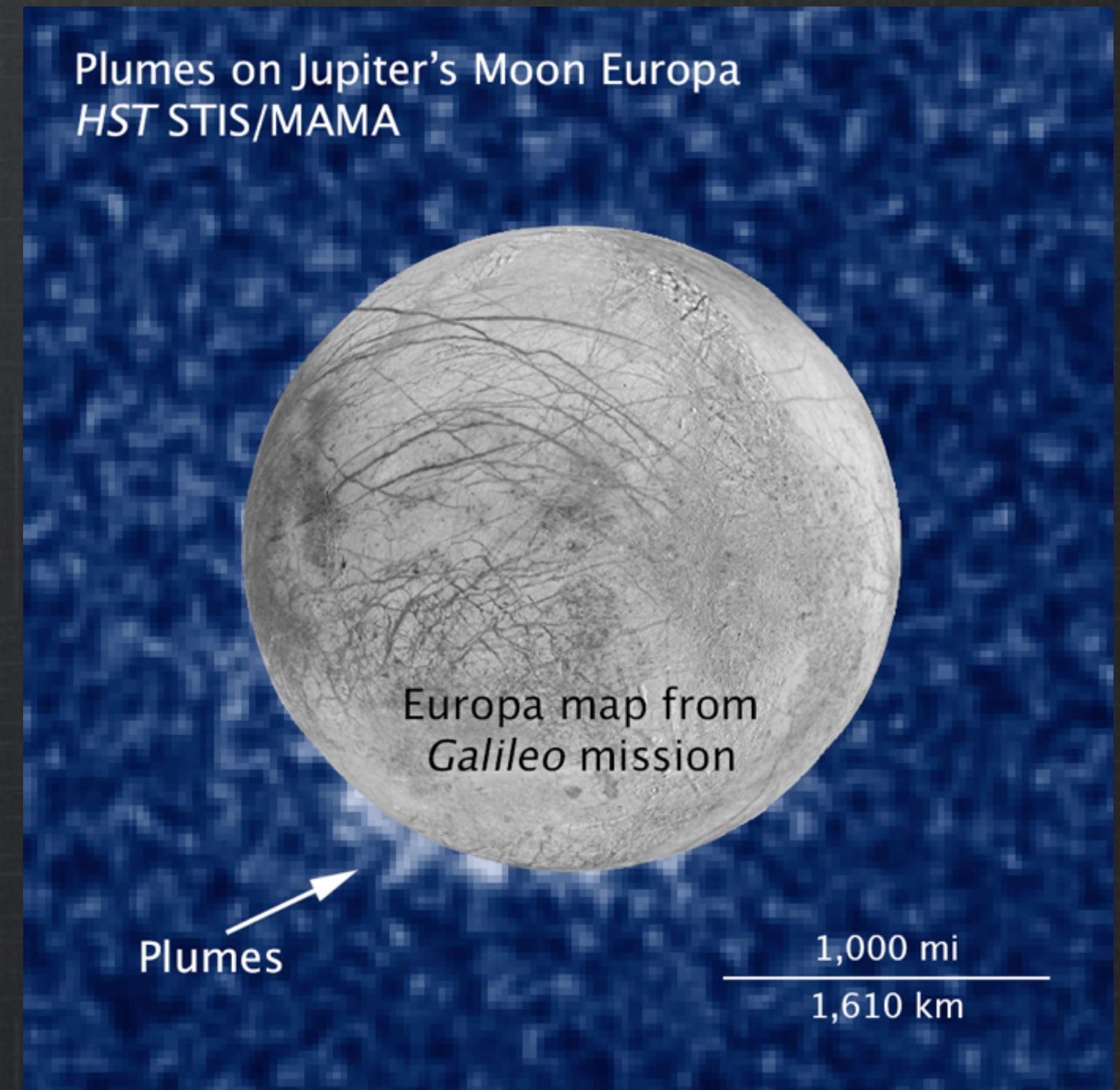
NASA, ESA, & C. Conselise  
(U. Nottingham)



# Europa Plumes?

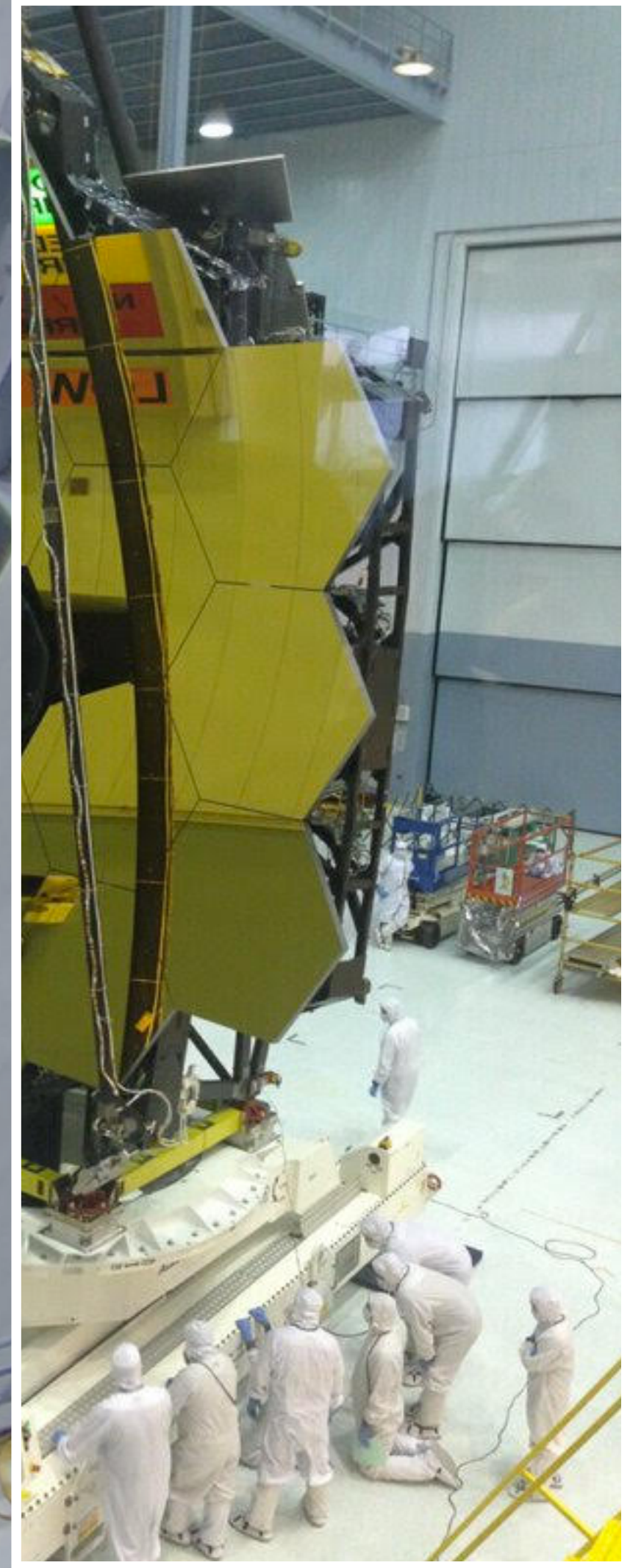
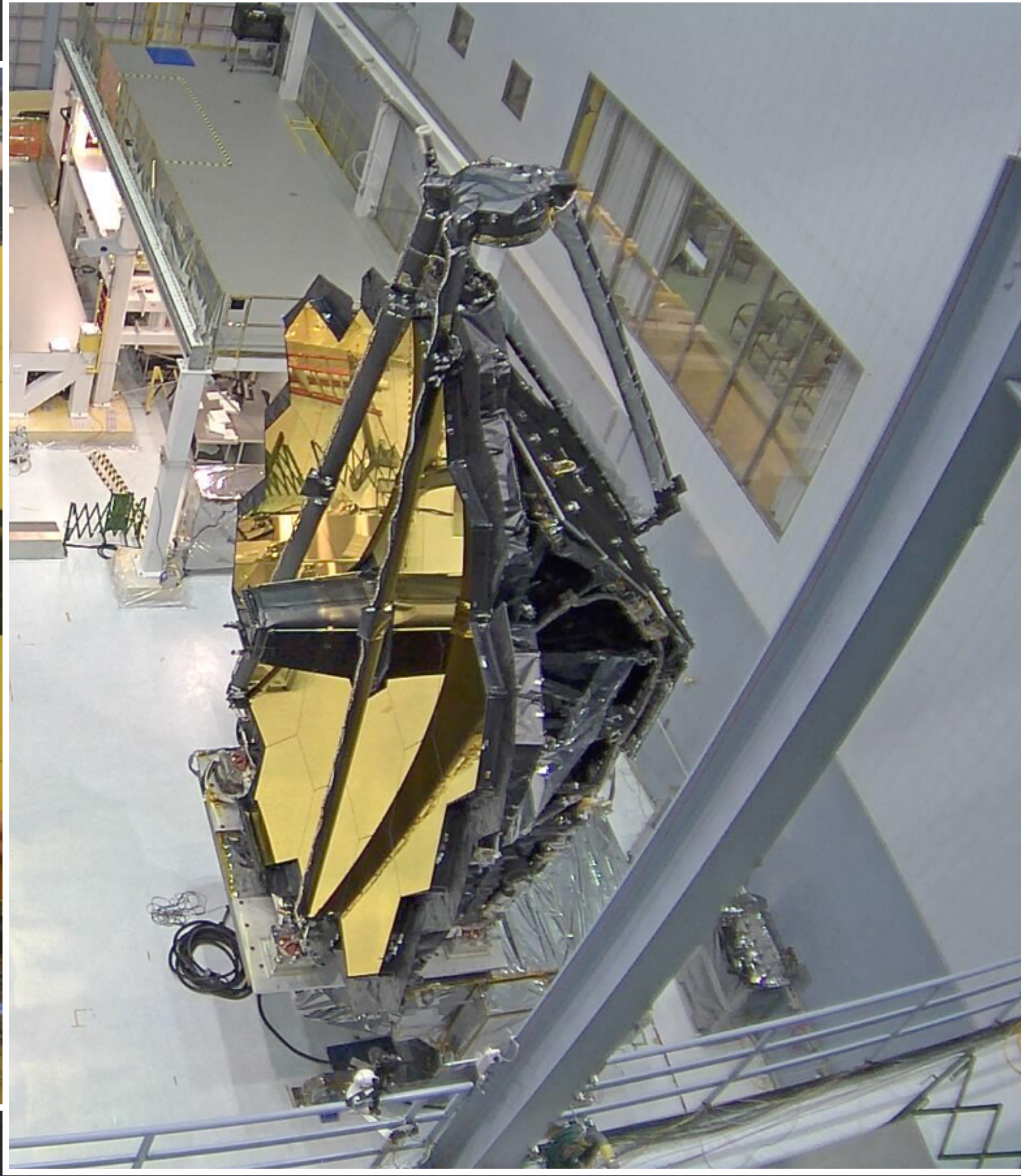


NASA, ESA, & L. Roth (SWRI & U. Cologne)  
STIS/G140L 2012



NASA, ESA, & W. Sparks (STScI)  
STIS/MAMA 2014







# New Roles Beginning in November

Data Sciences Mission Office Head  
Arfon Smith



Deputy Director  
Nancy Levenson

