SPACE TELESCOPE SCIENCE INSTITUTE + 3700 SAN MARTIN DRIVE + BALTIMORE, MD 21218

# **OPO and Citizen Engagement**

Stratis Kakadelis

# What We Do

# OPO is all about engaging the public

- Publicizing Hubble discoveries (News)
- Providing educators with astronomy-related materials for the classroom (Amazing Space)
- Being the public-friendly online resource for Hubble and JWST (HubbleSite & WebbTelescope)

# What We Want

# Expanding how we engage the public

- We want to take advantage of emerging trends in social media and the public's desire to be involved in science discoveries (Citizen Science).

# We Can't Do It Alone

# Citizen Science Needs Scientists

- OPO does a great job of making polished products but we aren't a research organization.
   We need your help to find real research opportunities that can take advantage of the public's enthusiasm.
- Successful projects are the ones that treat the public as true partners in the scientific discovery process.
- OPO is positioned to help develop the interfaces and publicize citizen science projects – let us be your partner.

## What We Have Done

Messages to Hubble



# What We Have Done

#### **STEM Education Student Projects and Traveling Exhibits** •









#### What We Have Done

## Galaxy Zoo – Hubble Edition



University of Portsmouth
Yale University
Johns Hopkins University

## What We Have Done

Hubble Image Processors Site & Facebook Group

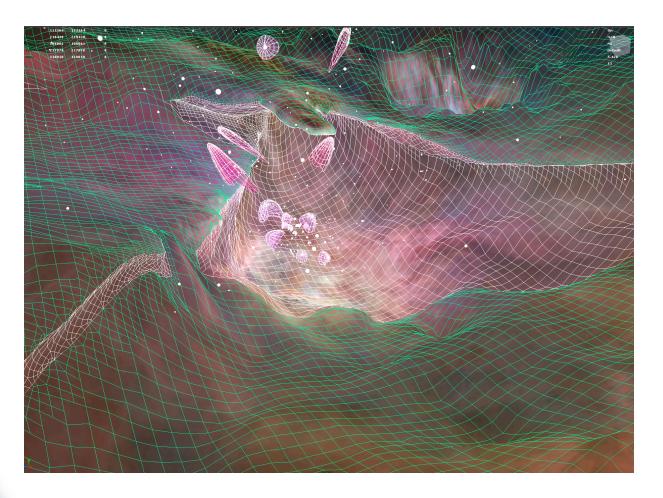
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mingle, trade tips, and share their work. Curious and want to know more? Check the resources below for how-to guides and tools.	questions and share their thoughts. Post a picture, ask a question, and enjoy the discussion.	Community		a unt Bi		
<section-header><text><text></text></text></section-header>		information, tips and tech	ge processors meet here to exchange niques, and share their work. Ask a question, po: know how your projects are coming along.	st HUBBLE MADE A	Videos	
		🕞 Status 🛛 🗊 Photo / Vi	Highlic ideo 🗵 Event, Milestone +	Recent Posts by Others on Hubble In	nage Processors See All	
		In case folks are interested, here's a little background about the HH 110 image. The datasets used to construct the		Amr Istanbuli whats your opinion about al g_1 · July 5 at 11:03am		
				June 30 at 6:46pm		
					Gennadiy Gayanskyy До відома громадян я хочу довести те, що Місяць ц June 20 at 3:58am	
Download Article: Visualizion Hubble Data (PDE) Hubble Images are made, not born. Images must be wi	Download Article:			Ivan Suchodolski Ivan posted a photo.		

# What We Have Done

## You Decide



# What We Have PlannedHeritage Legacy Project





ubble Archive

Novice

How Tos

Tools

Interested &

Directed

Curriculum Support

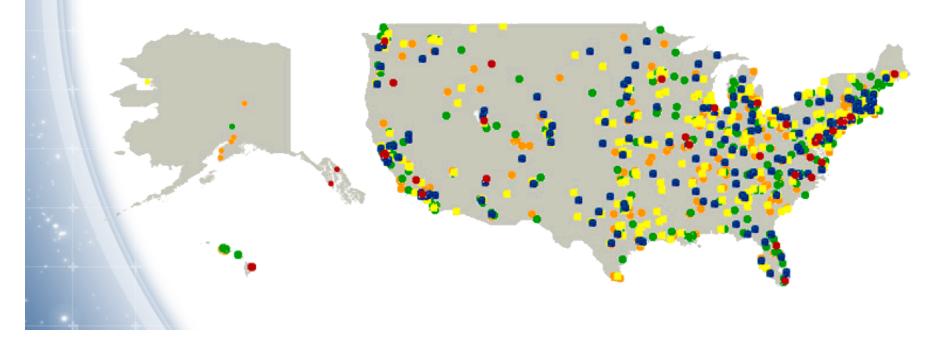
Hubble Legacy Archive (HLA) Multimission Archive at Space Telescope (MAST)

Expert

# **OPO** Resources

# **National Education Program**

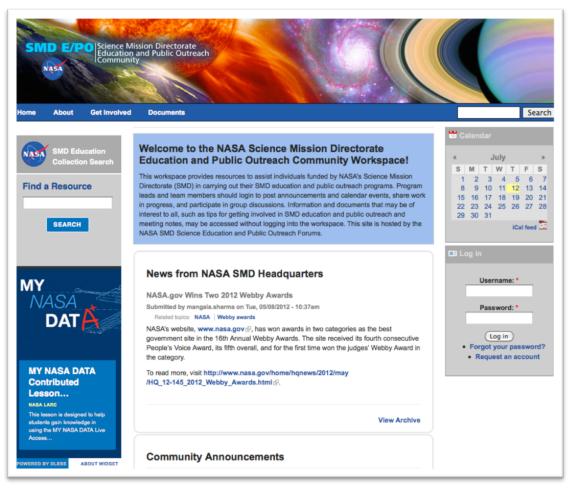
- Amazing Space
- ViewSpace
- Teacher Workshops
- Cycle E/PO Grants





# **OPO** Resources

## Astrophysics Forum



# OPO ResourcesLet's Talk

