



MAST
Users
Group
Meeting

December
15-16,
2016

MAST Newsletter and Forum

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MAST

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Newsletter Overview

- Restarting the newsletter is one aspect of improving our engagement with the astronomical community
- Historically, averaging 1.5 newsletters per year for the last 10 years. Last newsletter was 2013.



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Newsletter Requirements

- Modern, responsive HTML design
- Short articles
- Increase frequency of distribution. Users now expect regular, timely delivery.



Message

MAST Newsletter | June 2016

Mikulski Archive for Space Telescopes at STScI

Sent: Monday, June 6, 2016 at 4:51 PM

To: Jonathan Hargis

STScI | SPACE TELESCOPE
SCIENCE INSTITUTE



June 2016

MAST Newsletter

The latest updates from the
[Barbara A. Mikulski Archive for Space Telescopes at STScI](#)

[View in browser](#)

Contents

- MAST at the June AAS Meeting
- Upcoming Archive Products: PanSTARRS
- Coming this Fall...Gaia @ MAST
- High Level Science Products: K2
- High Level Science Products: Moving Target Pipeline
- The Mast Users Group
- Tagging MAST data with DOIs
- Inside the Archive: Cross-Matching Tutorial



MAST at the June AAS Meeting

Lee Quick

Find us at the MAST table in the STScI booth at the AAS 2016 Summer Meeting.

[Continue Reading](#)



Upcoming Archive Products: Pan-STARRS

Brian McLean

MAST will be hosting the Pan-STARRS PS1 data release: nearly 2 petabytes of images and catalogs.

[Continue Reading](#)



JUNE 2016

MAST NEWSLETTER

THE LATEST UPDATES FROM THE
BARBARA A. MIKULSKI ARCHIVE FOR
SPACE TELESCOPES AT STSCI



MAST AT THE JUNE AAS MEETING
LEE QUICK



**UPCOMING ARCHIVE PRODUCTS:
PANSTARRS**
BRIAN MCLEAN



**COMING THIS FALL...GAIA @
MAST**
BRIAN MCLEAN

MAST AT THE JUNE AAS MEETING

FIND US AT THE MAST TABLE IN THE STSCI BOOTH AT THE AAS
2016 SUMMER MEETING.

JUNE 1, 2016

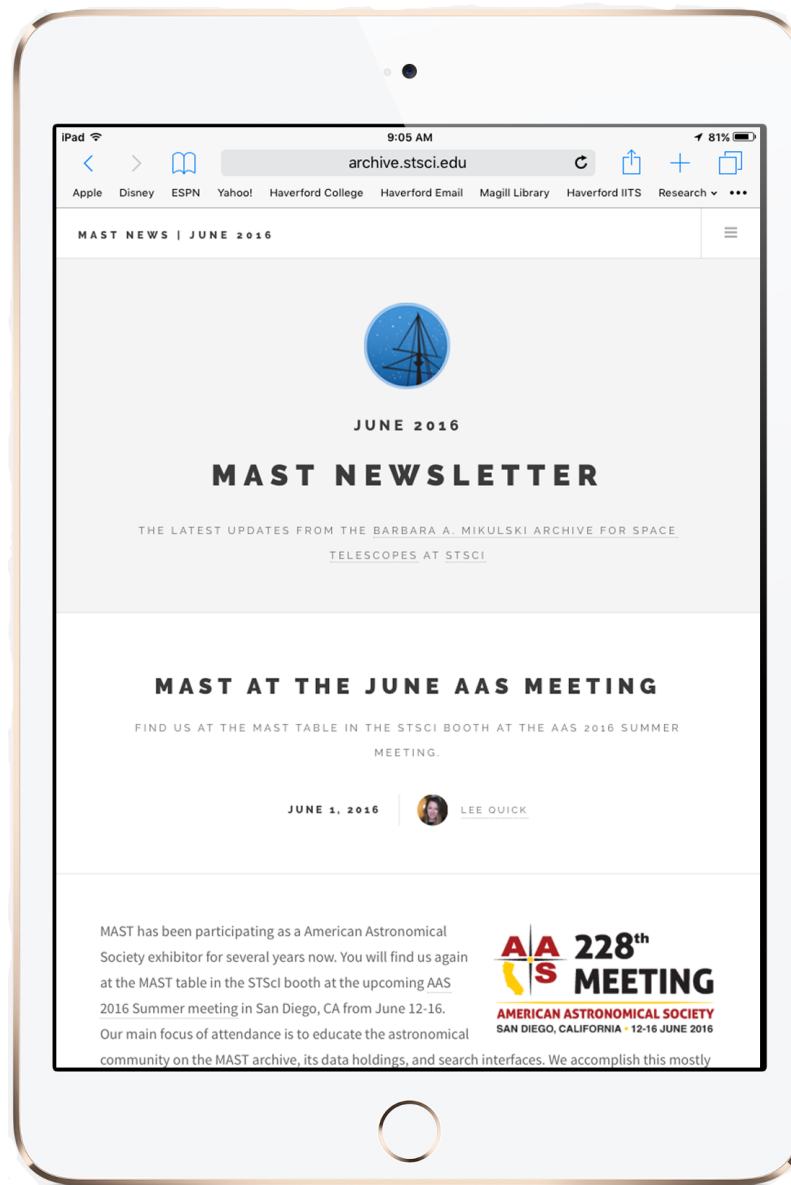
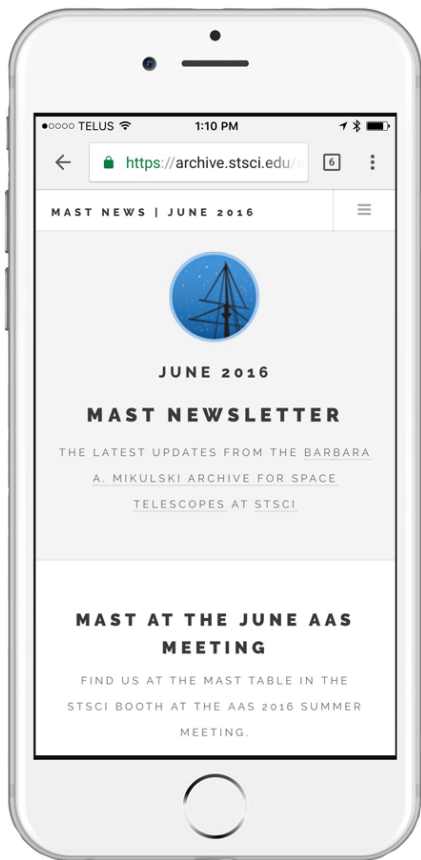
LEE QUICK



MAST has been participating as a American Astronomical Society exhibitor for several years now. You will find us again at the MAST table in the STScI booth at the upcoming [AAS 2016 Summer meeting](#) in San Diego, CA from June 12-16. Our main focus of attendance is to educate the astronomical community on the MAST archive, its data holdings, and search interfaces. We accomplish this mostly by giving live demonstrations on how to use our interfaces to search, analyze, and download data. In recent years we have been showcasing our [MAST Discovery Portal](#). We have found it to be helpful to give live demonstrations of the portal, as it is a pretty powerful tool. Our offerings are not solely interface focused. We also have updated materials on new data products and the archive in general.



We have found in the past that we get a good variety of people coming to visit our MAST table. We meet undergraduate students just starting out in astronomy that are interested in all of the modern ways we search data. We also get all levels of educational professionals coming to the booth, where we provide them with educational resources and offer teaching ideas for the classroom. And, of course we meet with seasoned astronomers who have specific questions about their particular research project. Interacting with AAS attendees at the booth has been a great opportunity to get to meet our community, and we hope you will come visit us if you are attending the AAS this summer or at future meetings!





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Newsletter Articles

- Mostly related to MAST-specific projects which are upcoming or newly-released
- High Level Science Products
- How-To Guides for Search Interfaces
- Written mostly by MAST staff, but also from:
 - Other STScI branches
 - PIs of HLSPs external to STScI



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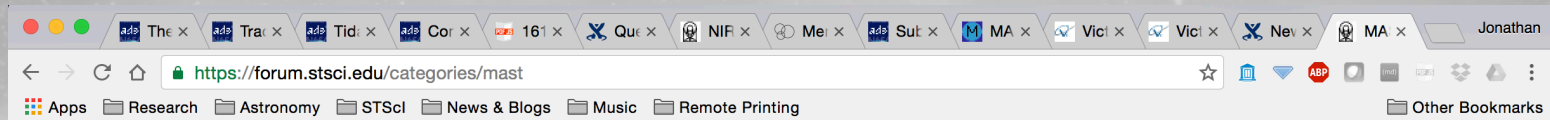
Newsletter Distribution

- Emailed to ~10,000 people from MyST database
- ~1000 views per month from ~500 unique IP addresses
- No analysis of which articles are most popular, etc.



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MAST Forum



STScI | SPACE TELESCOPE SCIENCE INSTITUTE

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MAST

The Mikulski Archive for Space Telescopes (MAST) is a NASA funded project to support and provide to the astronomical community a variety of astronomical data archives. MAST is located at the Space Telescope Science Institute (STScI).

Categories	Discussions	Comments	Latest Post
MAST Missions (Data Products) Discussions about MAST data from HST, JWST, Kepler/K2, Pan-STARRS, Gaia, TESS, WFIRST, GALEX, IUE, FUSE, and others. Includes questions about calibration and processing. Child Categories: Hubble Space Telescope, James Webb Space Telescope, Kepler and K2, PanSTARRS, GALEX, TESS, Other Missions	14	13	TESS data products? scfleming • May 31 in TESS
Interfaces and Tools Discussions about specific tools and data archive interfaces developed by MAST Child Categories: Discovery Portal, Programmatic Services and APIs, CasJobs, Image and Spectral Display Tools, Bibliographic and DOI Services, gPhoton, Other Web Interfaces	12	10	A silly question about ... gecko • July 9 in Other Web Interfaces
High-Level Science Products High-Level Science Products (HLSP) are community contributed, fully processed (reduced, co-added, cosmic-ray cleaned etc.) images and spectra that are ready for scientific analysis. Child Categories: CANDELS, CLASH, Frontier Fields, GLASS, K2SFF, PHAT, Other HLSPs	8	8	Organization of PHAT ... scfleming • May 31 in PHAT
Help Improve MAST We are interested in your experience using the MAST interfaces, data products, and services	1	0	MAST Users Group - A... klevay • November 2

Howdy, Stranger!

It looks like you're new here. If you want to get involved, click one of these buttons!

[Sign In](#) [Register](#)

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WFIRST Source Simulation and Exposure Time Calculation	0



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MAST Newsletter and Forum: Discussion

- How can we better use the forum?
 - Integration with Helpdesk?
- What do our users *really* want to know about?
 - Articles based on survey results
 - Feedback from MUG
 - Continue active involvement of Archive Scientists in the community