



STScI



JWST Astronomical Community Outreach

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The JWST Cycle General Observer Call for Proposals is Scheduled for Release November 30th, 2017

Are you Ready?



How do we Engage the Astronomical Community?

- Engagement Events (Workshops, Webinars, Astronomical Meetings)
- Online Resources
- JWST Observer News/Social Media



JWST Astronomical Community Engagement Events

Proposal Planning
Workshops

Topical Science
Workshops

Condensed 0.5-1 Day
Add-on Workshops

Webinars & Video
Libraries

Proposal Planning Workshops

Topical Science Workshops

Condensed 0.5-1 Day
Add-on Workshops

- More than a dozen in-person workshops and events occurring in the lead up to the Cycle GO proposal deadline and beyond.
- Diversity in event size and geographic location
- All events to be webcast and/or recorded to enable remote participation.
- Webcasts and event training materials archived online
- Some events will support 'Ask-an-Expert' help desk
- Working ESA/CSA partners to support events outside US

Proposal Planning Workshops

Topical Science Workshops

Condensed 0.5-1 Day Add-on Workshops

A Sample of Upcoming Events!



| | | | | | | |
|----------|----|----|----|----|----|----|
| 20 | | | | | | |
| Aug 2018 | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |

JWST: Launch, Commissioning, and Cycle 1 Science

Science Meeting • August 20 - 22, 2018 • Vienna, Austria

This focus meeting, to be held during the 2018 IAU General Assembly, will highlight the science enabled by JWST early in its life cycle and touch on commissioning, Early Release Science (ERS), Guaranteed Time Observer (GTO), and General Observer (GO) programs slated for cycle 1. It also offers an ideal opportunity to inform the international community about the science potential of JWST's four core instruments.

[Read More](#)

| | | | | | | |
|----------|----|----|----|----|----|----|
| 7 | | | | | | |
| Jan 2018 | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |

American Astronomical Society 231st Meeting

Science Meeting • January 7 - 11, 2018 • National Harbor, MD

| | | | | | | |
|----------|----|----|----|----|----|----|
| 13 | | | | | | |
| Dec 2017 | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |

Planning Solar System Observations with JWST - ESTEC venue

Science Meeting • December 13 - 15, 2017 • Noordwijk, Netherlands ESTEC

This 2.5-day workshop will include a mixture of presentations about the promise of JWST for solar system science, specifics on observer planning tools and observatory capabilities, and hands-on training and Q&A with the planning tools. Observations of solar system targets approved for guaranteed-time observers (GTOs) and through the Early Release Science (ERS) program will be summarized. The workshop...

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|----------|----|----|----|----|----|----|
| 11 | | | | | | |
| Dec 2017 | | | | | | |
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| 10 | 11 | 12 | 13 | 14 | 15 | 16 |

JWST Proposal Planning Workshop

Training Workshop • December 11 - 15, 2017 • Pasadena, CA

This workshop will take place shortly after the release of the JWST Cycle 1 GO call for proposals. Its goals are to provide general information regarding JWST capabilities, proposal process and proposal opportunities, and hands-on teaching for the JWST Exposure Time Calculator (ETC), the JWST Target Visibility Tools, and the JWST Astronomer's Proposal Tool (APT). The Exposure Time Calculator (ETC)...

Proposal Planning Workshops

Topical Science Workshops

Condensed 0.5-1 Day
Add-on Workshops

JWST Astronomical Community Events 'Under Construction' for 2018

After the March 2nd GO Proposal Deadline:

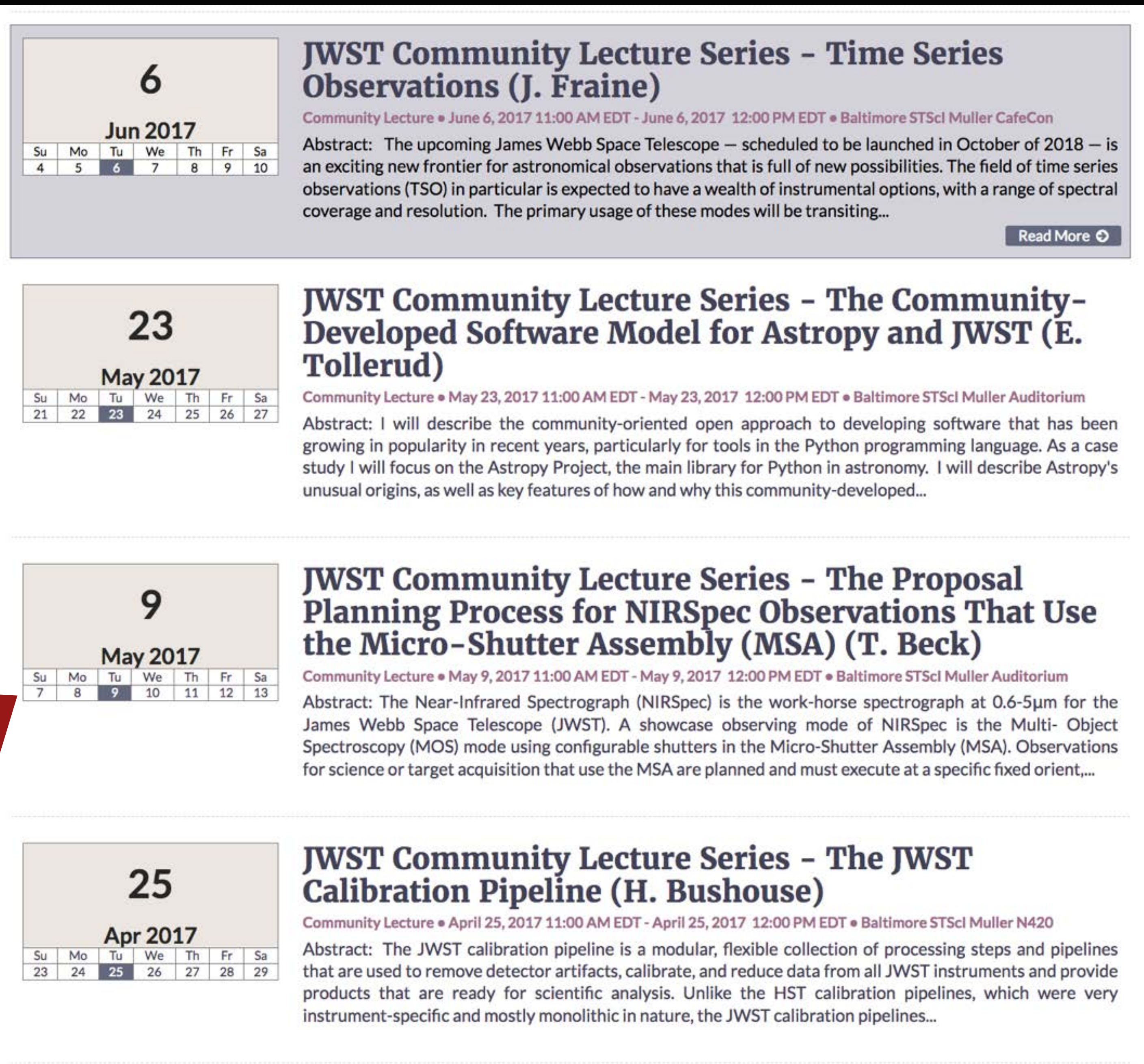
- European Week of Astronomy and Space Science (April 3-6, 2018)
- JWST Data Analysis Workshop (May 14-17, 2018)
- Summer 2018 AAS Meeting (June 3-7, 2018)
- 2018 IAU GA JWST FM (August 20-22, 2018)
- ESA and CSA hosted training workshops
- DD ERS Team Briefings

Webinars & Video Libraries

More than two-dozen webinars (~1 hour) with both topical and tool specific focus have occurred in the lead up to the GO call for proposal

Tutorial videos are also planned for integration with JDOx

A Sample of Webinars part of the 'Community Lecture Series'



6
Jun 2017

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |

JWST Community Lecture Series - Time Series Observations (J. Fraine)
Community Lecture • June 6, 2017 11:00 AM EDT - June 6, 2017 12:00 PM EDT • Baltimore STScI Muller CafeCon
Abstract: The upcoming James Webb Space Telescope — scheduled to be launched in October of 2018 — is an exciting new frontier for astronomical observations that is full of new possibilities. The field of time series observations (TSO) in particular is expected to have a wealth of instrumental options, with a range of spectral coverage and resolution. The primary usage of these modes will be transiting...
[Read More](#)

23
May 2017

| Su | Mo | Tu | We | Th | Fr | Sa |
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| 21 | 22 | 23 | 24 | 25 | 26 | 27 |

JWST Community Lecture Series - The Community-Developed Software Model for Astropy and JWST (E. Tollerud)
Community Lecture • May 23, 2017 11:00 AM EDT - May 23, 2017 12:00 PM EDT • Baltimore STScI Muller Auditorium
Abstract: I will describe the community-oriented open approach to developing software that has been growing in popularity in recent years, particularly for tools in the Python programming language. As a case study I will focus on the Astropy Project, the main library for Python in astronomy. I will describe Astropy's unusual origins, as well as key features of how and why this community-developed...

9
May 2017

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |

JWST Community Lecture Series - The Proposal Planning Process for NIRSpec Observations That Use the Micro-Shutter Assembly (MSA) (T. Beck)
Community Lecture • May 9, 2017 11:00 AM EDT - May 9, 2017 12:00 PM EDT • Baltimore STScI Muller Auditorium
Abstract: The Near-Infrared Spectrograph (NIRSpec) is the work-horse spectrograph at 0.6-5 μ m for the James Webb Space Telescope (JWST). A showcase observing mode of NIRSpec is the Multi- Object Spectroscopy (MOS) mode using configurable shutters in the Micro-Shutter Assembly (MSA). Observations for science or target acquisition that use the MSA are planned and must execute at a specific fixed orient,...







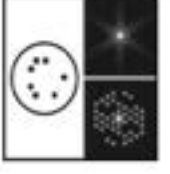
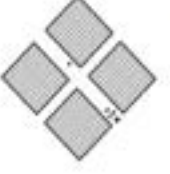





25
Apr 2017

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| 23 | 24 | 25 | 26 | 27 | 28 | 29 |

JWST Community Lecture Series - The JWST Calibration Pipeline (H. Bushouse)
Community Lecture • April 25, 2017 11:00 AM EDT - April 25, 2017 12:00 PM EDT • Baltimore STScI Muller N420
Abstract: The JWST calibration pipeline is a modular, flexible collection of processing steps and pipelines that are used to remove detector artifacts, calibrate, and reduce data from all JWST instruments and provide products that are ready for scientific analysis. Unlike the HST calibration pipelines, which were very instrument-specific and mostly monolithic in nature, the JWST calibration pipelines...

Engagement via JWST Help Desk

James Webb Help Desk

| | | |
|---|---|--|
| APT Support  Request assistance with the Astronomer's Proposal Tool (APT) View Details | ETC Support  Request assistance with the Exposure Time Calculator (ETC) View Details | JWST Science Policies  Request assistance for Science Policy Issues. View Details |
| MAST Services  Information about the MAST Archive View Details | MIRI Support  Request assistance with the Mid-Infrared Instrument (MIRI) View Details | NIRCam Support  Request assistance with the Near-Infrared Camera (NIRCam) View Details |
| NIRISS Support  Request assistance with the Near-Infrared Imager and Slitless Spectrograph (NIRISS) View Details | NIRSpec Support  Request assistance with the Near-Infrared Spectrograph (NIRSpec) View Details | Office of Public Outreach  Contact the STScI Office of Public Outreach about JWST View Details |
| Operations and Scheduling  Ask questions about scheduling and operations with JWST. View Details | Pipeline Support  Request assistance with the JWST pipeline View Details | WebbPSF / JWST Telescope  Request assistance with the WebbPSF tool or the Telescope optical system. View Details |
| JWST General Support  Request general JWST support for issues not covered by another category. View Details | Astronomical Community Event Suggestion Box | |



Welcome to the James Webb Space Telescope Help Desk

jwsthelphelp.stsci.edu

Audience Participation Time!!!!

The screenshot shows the top portion of the NASA's James Webb Space Telescope website. At the top left is the STScI logo. To the right are links for 'About STScI' and 'Archive'. The main title 'NASA's James Webb Space Telescope' is prominently displayed, with a subtitle 'Developed in partnership with ESA and CSA. Operated by AURA's Space Telescope Science Institute'. Below the title are two buttons: 'PUBLIC' and 'EDUCATORS'. A navigation menu includes 'JWST SCIENCE', 'NEWS & EVENTS', 'INSTRUMENTATION', 'SCIENCE PLANNING', and 'DOCUMENTATION', each with a hamburger menu icon. A search icon is on the far right. The main banner features a large image of the JWST model at night with city lights, and a smaller inset image strip at the bottom right of the banner. The text 'JWST @ SXSW' is overlaid on the left side of the banner.

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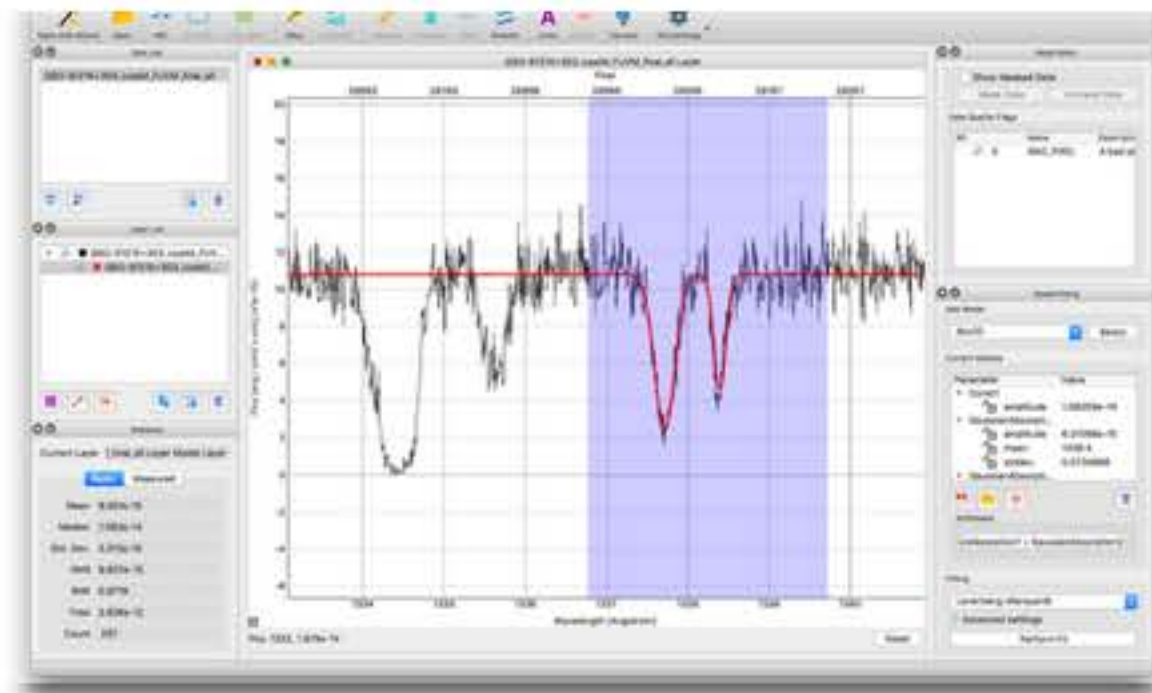
The NASA James Webb Space Telescope, developed in partnership with ESA and CSA, is operated by AURA's Space Telescope Science Institute.

jwst.stsci.edu

How does the Astronomical Community learn about these events, online resources, and other JWST resources?

JWST Observer news, social media and mailings!!!

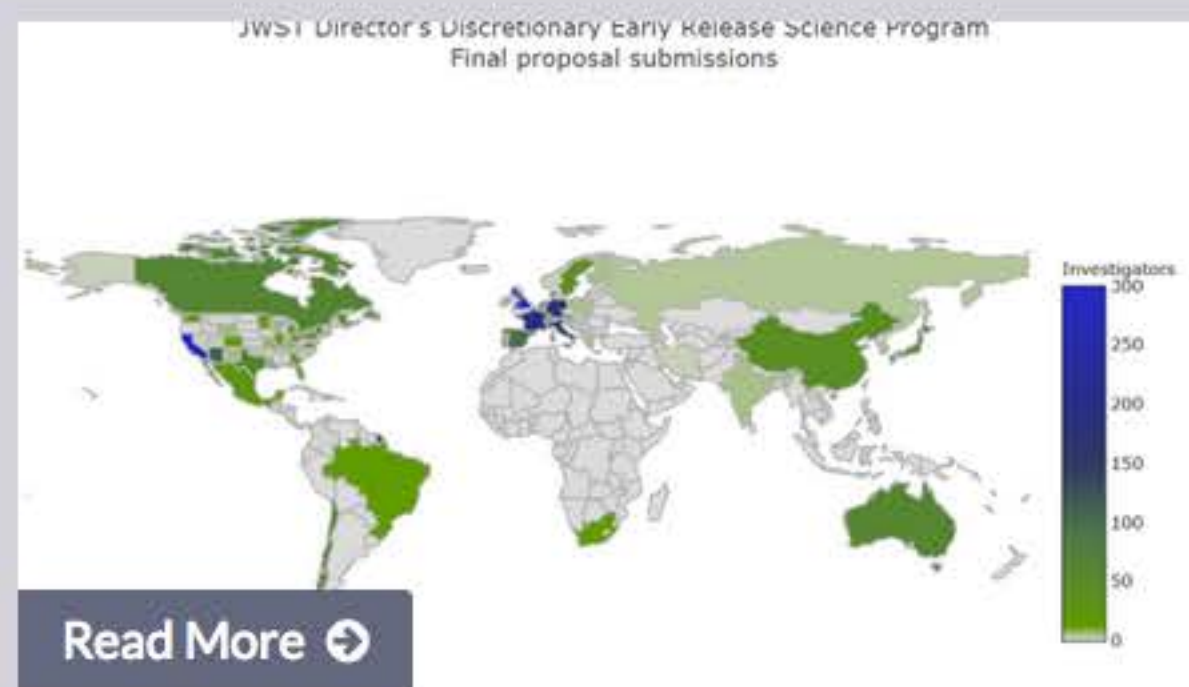
JWST Observer News on WWW



James Webb Data Analysis Development Forum Releases SpecViz Version 0.4.0

News Feature • August 29, 2017

STScI is developing SpecViz, a one-dimensional astronomical spectral visualization and analysis suite, to support all types of astronomical spectral data.



DD-ERS Proposal Submission Statistics Are Now Available

News Feature • August 28, 2017

With the submission of the final proposals for the Director's Discretionary Early Release Science (DD-ERS) Program, we're ready to get started planning for the early observation cycle.

jwst.stsci.edu/news-events/news

JWST Observer News in your inbox



JWST Observer News Roundup August-September 2017



Upcoming Events

October 4 - JWST ESAC Workshop - Mastering the Science Instruments and the Observing Modes of JWST: Get Set



MyST MY SPACE TELESCOPE

Message Subscriptions

Manage your subscriptions to various STScI news services. Hover over the options for a description of the mailing list. Please note that if you are an investigator on an active proposal you will still receive e-mail related to your proposal and/or funding, irrespective of the selections below.

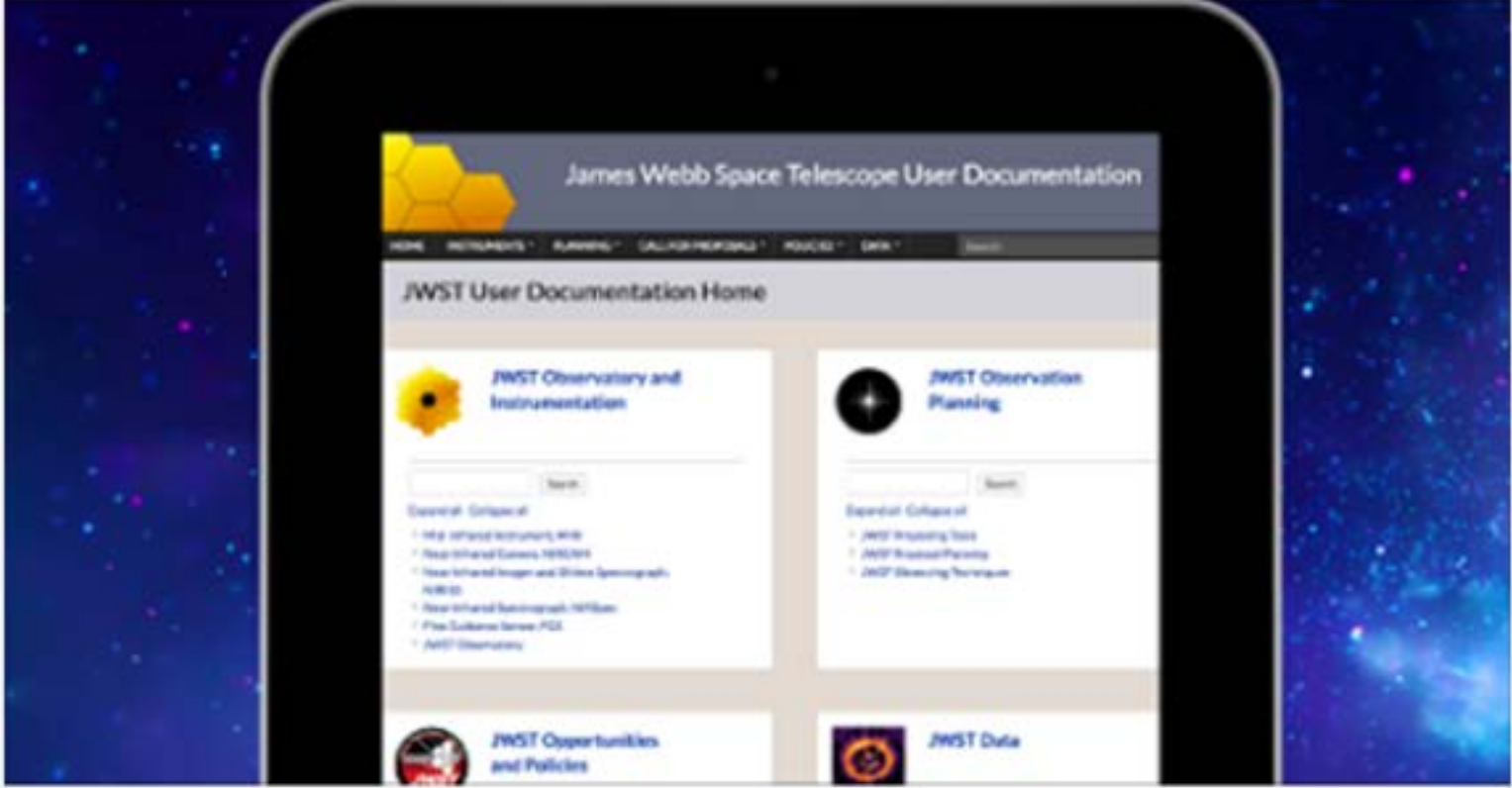
- Archive Newsletter
- CFP
- Conference Workshop Announcement
- Educational
- Instrument Updates
- JWST Newsletter
- JWST Updates
- Newsletter
- Software Notifications

www.stsci.edu/portal/sso/

JWST Observer on Social Media

JWST Observer
August 14 · 🌐

Looking for tips on planning your #JWST observations? Want to learn about the JWST instruments? Check out the JWST User Documentation from STScI. Read more: <https://tinyurl.com/yalmdxzr>



JWST User Documentation Keeps the Community Well-informed

As part of the overall efforts to maximize the astronomical community's use of the James Webb Space Telescope (JWST), the Space Telescope Science Institute has...

JWST.STSCI.EDU

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JWST Observer


JWST Observer @JWSTObserver · Sep 7

The registration deadline for the October ESAC 2017 #JWST Workshop has been extended to Sept 15. Register now: tinyurl.com/yc528sgo

1 2

JWST Observer @JWSTObserver · Sep 1

Need tips for your #JWST proposals? Remember to register for the ESAC 2017 JWST Workshop by September 8: tinyurl.com/yc528sgo



1 4

JWST Observer @JWSTObserver · Aug 29

STScI releases SpecViz, a spectral visualization & analysis suite, companion software for #JWST. Details: tinyurl.com/y83ufab2

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Twitter:
@JWSTObserver

Audience Participation Time!!!! -> Round 2



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@JWSTObserver



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JWST Observer



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www.stsci.edu/portal/sso/

Learn more about *Webb*

STScI About STScI | Archive

NASA's James Webb Space Telescope

Developed in partnership with ESA and CSA. Operated by AURA's Space Telescope Science Institute

PUBLIC EDUCATORS

JWST SCIENCE NEWS & EVENTS INSTRUMENTATION SCIENCE PLANNING DOCUMENTATION

JWST @ SXSW

jwst.stsci.edu

Government of Canada / Gouvernement du Canada

Canada.ca | Services | Departments | Français

NASA Explore JAMES WEBB SPACE TELESCOPE

more JWST

Intro Amazing Facts FAQ Lite

EVERYTHING the JAMES starts here on

www.jwst.nasa.gov

Explore the Spacecraft

More Views: Launch 3d

Canadian Space Agency Canada

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Home > Activities Sectors > Satellites

Satellites James Webb Space Telescope

www.asc-csa.gc.ca/eng/satellites/jwst/

Home

- Canada's contribution
- How Webb works
- Why infrared light?
- Webb vs Hubble
- Canada's Webb Crest

EUROPEAN SPACE AGENCY ABOUT SCIENCE & TECHNOLOGY FOR PUBLIC FOR EDUCATORS

jwst esa

ESA SCIENCE & TECHNOLOGY JWST

Missions

- Show All Missions

Inspired by the... have collabor... to be launch... reaching an impact on astrophysics as did its famous predecessor.

MISSION HOME

- Summary
- Fact Sheet
- Objectives
- Europe's Role

SPACECRAFT TESTING

#09: JWST instruments are coming in from the

Canadian Space Agency worthy successor. Due profound and far-

Search here

23-Oct-2016 22:30 UT

Shortcut URL <http://sci.esa.int/jwst/>

Special Sites