



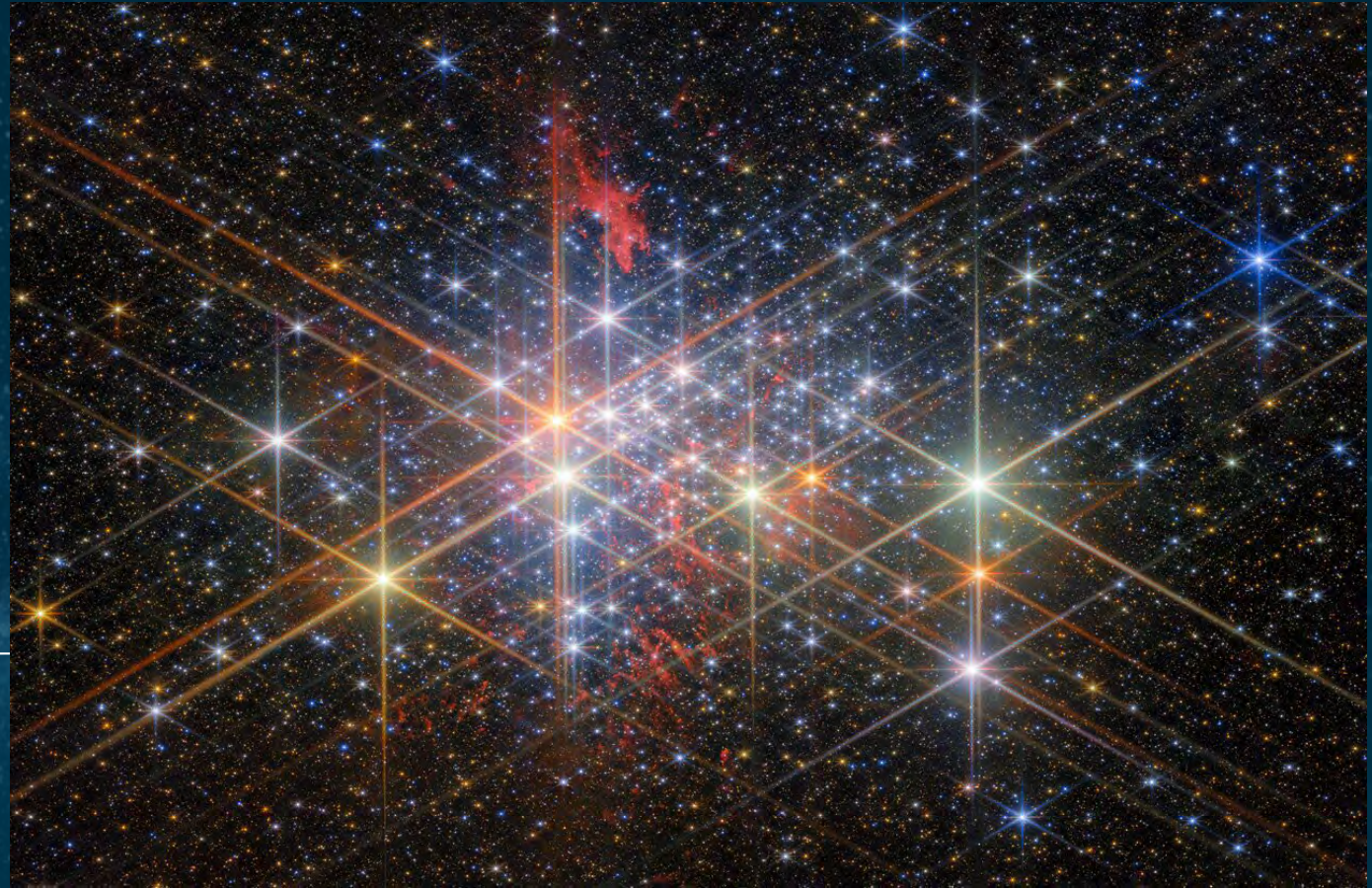
ESA JWST update

JWST Users Committee

November 11, 2024

Chris Evans

ESA JWST Proj. Scientist & Head of ESA Office @STScI



Credit: ESA/Webb, NASA & CSA, M. Zamani (ESA/Webb), M. G. Guarcello (INAF-OAPA) & the EWOCs team



The ESA Office at STScI includes:

- ESA staff at STScI assigned to HST & JWST (& future ESA-NASA missions operated @STScI)
- ESA/AURA personnel and admins contracted for ESA through AURA
- ESA Research Fellows
- ESA Office Leadership:
 - Chris Evans (ESA HST & JWST Proj. Scientist)
 - Paule Sonnentrucker (ESA HST & JWST Mission Manager)
- Leads the JWST and HST outreach in Europe

Community Engagement: Hubble & Webb VII



Porto, Portugal: 29 April – 2 May

- 105 in-person & 38 remote participants
- 22 invited & 36 contributed talks
- 22 posters

SOC: Brinchmann, Biller, Calzetti, Crowther, Dasyra, De Cia, Evans, McClure, Milam, Ouellette, Reid, Reiter, Wiseman, Zitrin

LOC: Sonnentrucker (co-chair), Brinchmann (co-chair), Bateira, Blacker, do Vale, Gunnarsson, Hanna, Reedy, Regnard, Silva, Vaz, Velasco

Breakout discussions: 'Maximising Hubble's Synergies & Legacy' & 'Looking to the 2030s & beyond'



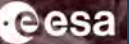
Supporting the European JWST User Community

- Drop-in session on JWST Status & Data Analysis at 2024 European Astronomical Society (EAS) meeting.
- Proposal submitted for Special Session on JWST Data Pipeline at 2025 EAS meeting (Ireland, June 2025).



- ESA DL series: Features leading European astronomers to showcase the science from ESA missions and to foster collaboration
- Each lecture accompanied by visit to STScI
- 2024 Distinguished Lecture:
 - Dr. Orlagh Creevey (Observatoire de la Côte d'Azur)
 - Leading role in classification & characterization of Gaia sources (1.6 bn from Gaia DR3)
 - Week starting June 17



space science faculty 

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ESA DISTINGUISHED LECTURES AT STScI


In 2021, the ESA Office at STScI announce the creation of a new lecture series: **ESA Distinguished Lectures**.

The series, to be held at STScI in Baltimore USA, aims at showcasing science from ESA missions, recognizing leading European astronomers, and fostering collaborations in the broader international community.

Typically, each lecture will be accompanied by a two day visit to STScI, in which the Distinguished Lecturer will have the opportunity to meet with staff, students and postdocs. The lecture itself will be broadcast online for the widest possible visibility.

2023 ESA DISTINGUISHED LECTURE - DR AURORA SIMIONESCU

11am EDT (17h CEST) on Thursday June 15, 2023



The ESA Office at STScI
Presents the 2023 ESA Distinguished Lecture

Why Doesn't the Universe Have More Stars?

Dr. Aurora Simionescu
(Netherlands Institute for Space Research)

Dr Aurora Simionescu is an astrophysicist at the Netherlands Institute for Space Research (SRON) through the Women in Science Excel (WISE) Fellowship program of the Netherlands Organisation for Scientific Research (NWO). She is also a visiting scientist at Leiden University, and an affiliate member of the Kavli Institute for the Physics and Mathematics of the Universe at the University of Tokyo, Japan. Prior to her current appointments, she spent five years at the Institute of Space and Astronautical Sciences of the Japan Aerospace Exploration Agency (JAXA), and four years as an Einstein Postdoctoral Research Fellow at the Kavli Institute for Particle Astrophysics and Cosmology (KIPAC) at Stanford University. She completed her PhD research at the Max Planck Institute for Extraterrestrial Physics in Garching, Germany. Her main research interests are related to the physics of the hot plasma in clusters of galaxies, the large virialized objects in the universe.

<https://www.cosmos.esa.int/web/space-science-faculty/esa-lectures-at-stsci> 5

The ESA Office at STScI leads the HST and JWST outreach in Europe

Picture of the Month

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potm2410 — Picture of the Month
Catching The Edge Of The Phantom Galaxy

29 October 2024
In August 2022, to mark the launch of the Picture of the Month series, ESA/Webb published a stunning image of the Phantom Galaxy (also known as M74 and NGC 628). Now, this series is revisiting the target to...

[Read more](#)



potm2409 — Picture of the Month
The Exotic Stellar Population Of Westerlund 1

4 October 2024
The open cluster Westerlund 1, showcased in the Picture of the Month, is located roughly 12 000 light-years from Earth in the constellation Ara (the Altar) where it resides...

[Read more](#)



Credit: ESA/Webb, NASA & CSA, P. Zeidler, E. Sabbi, A. Nota, M. Zamani (ESA/Webb)

- Archive Coordination Meeting (ACM) held at STScI in June 2024.
- Brought together the teams from MAST, ESDC & CADAC.
- Joint presentation at ADASS XXXIV: *“Insights from a 30-year international partnership on astronomical archives”*.⁷



Thanks!