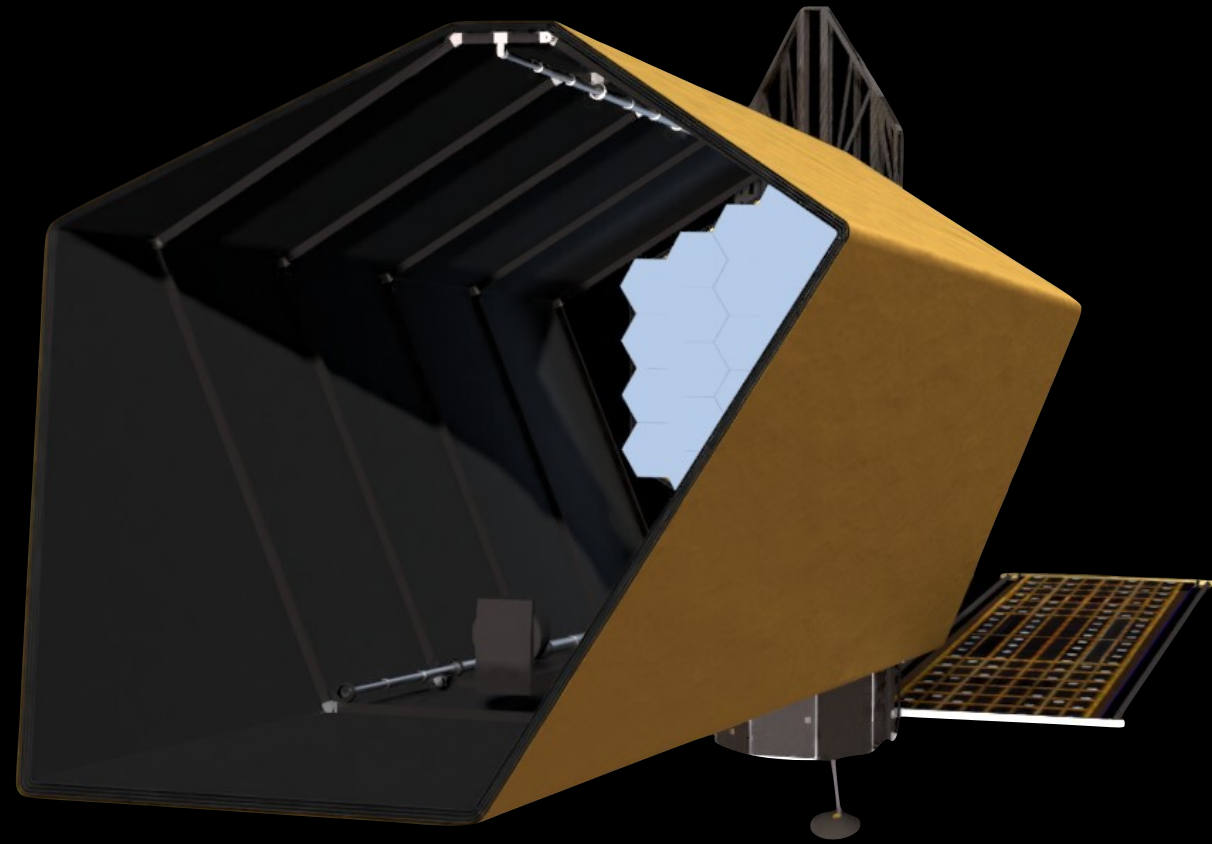



T H E N E W G R E A T O B S E R V A T O R I E S
S C I E N C E A N A L Y S I S G R O U P



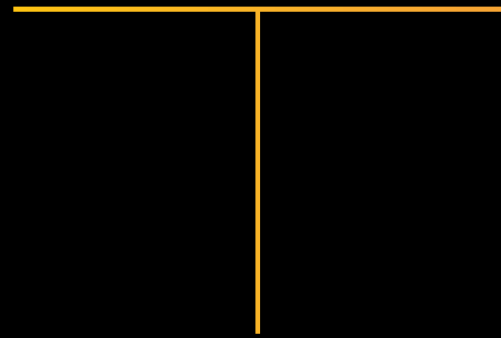
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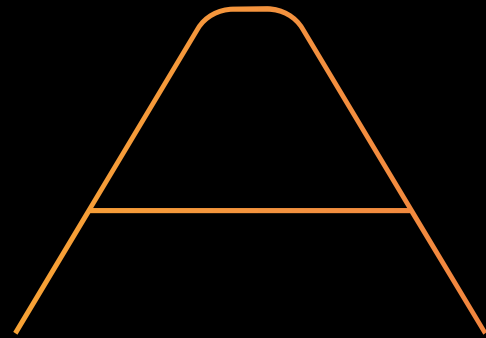
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SCIENCE



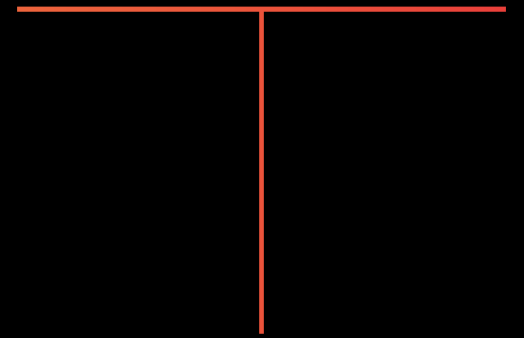
TECHNOLOGY



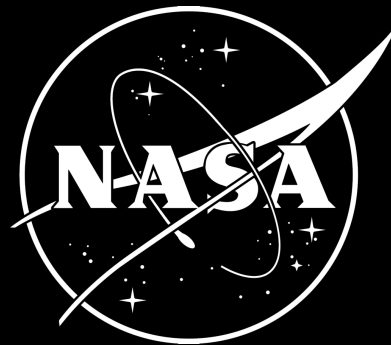
ARCHITECTURE



REVIEW



TEAM



<https://science.nasa.gov/astrophysics/programs/habitable-worlds-observatory/gomap/>

B I G T H I N G S *have* S M A L L B E G I N N I N G S



Photo courtesy Jonathan McDowell

John Mather at the NGST booth, AAS Winter Meeting, 1999

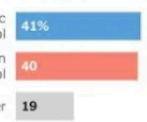


STARS ARE BORN The cliffs of the Carina nebula, captured by the James Webb Space Telescope. Its images revealed the earliest periods of star formation.

Term Race Tight, Polling Shows

By NATE COHN
President Biden's approval in the 30s and with 41 percent of voters saying he is heading in the right direction, all the ingredients are in place for a Re-weep in the November elections. Democrats and Repu-

Our preference for the 2022 national elections?



New York Times/Siena College poll of voters from July 5-7. THE NEW YORK TIMES

the campaign in a close race for control of Congress, according to a new Times/Siena College poll.

among registered voters said they preferred to control Congress with 40 percent who preferred Republican control.

For DeSantis, Rare Silence On Abortion

This article is by Maggie Haberman, Patricia Mazzei and Michael C. Bender.
When the Supreme Court erased the constitutional right to an abortion last month, Gov. Ron DeSantis of Florida was among the many Republicans who celebrated. "The prayers of millions have been answered," he tweeted.

But while other Republican leaders vowed to charge ahead with new restrictions — or near-total bans — Mr. DeSantis offered only a vague promise to "work to expand pro-life protections."

Mr. DeSantis, a favorite among those Republicans who want to move on from the Trump era, is rarely a reluctant partisan warrior. But his hesitance to detail his plans for abortion policy reflects the new and, in some states, difficult political terrain for Republicans in the post-Roe v. Wade era, as Democrats grasp for advantage on the issue in an otherwise largely hostile midterm election year.

In April, Mr. DeSantis signed a law barring abortions after 15 weeks of pregnancy, bringing the state's limit down from 24 weeks.

A Stunning New Peek Into the Ancient Cosmos

This article is by Dennis Overbye, Kenneth Chang and Joshua Sokol.

The universe was born in darkness 13.8 billion years ago, and even after the first stars and galaxies blazed into existence a few hundred million years later, these too stayed dark. Their brilliant light, stretched by time and the expanding cosmos, dimmed into the infrared, rendering them — and other clues to our beginnings — inaccessible to every eye and



TRUMP TO SEND TO DISR A LAST-D Panel Is T and Cha of His

By LUKE
and Al

WASHINGTON: Donald J. Trump made the Jan. 6 panel on Tuesday a last-ditch effort to make the Capitol a scene of violence-prone certification defeat, the House gating the attack day.

"POTUS is march there/ Jane Kremer, 'Save America' wrote in a Jan. 6 panel on Tuesday Trump's efforts in Washington ditch effort to Ms. Kremer ad was 'going to pectedly.'"

Mr. Trump ing the move, ments obtains Archives, whi vestigators will said: "I will Speech at 10A the Ellipse (S House). Please sive crowds of the Capitol aft

The tweet w was the latest Trump undert vate effort to porters, inclu tremists, tow where Vice Pr and lawmakers make his defe firm Joseph R dent-elect.

For more Trump and his scribed the vic as a free-wheel gone awry. B Tuesday laid president tool only in bringi his election l that day, but a rect it up to Ca ing the advice "Donald Tr mob to Washi mately spur a violent attac cy," said Rep Thompson, D sippi and the c mittee.

In its seven its findings, th ed Mr. Trump quasi-legal eff ical process of the unprec Capitol. Over it introduced organizers, ri side the White former preside

Continu



La tour Eiffel @LaTourEiffel

Le spatial James #Webb révèle au monde la 1ère de notre jeune univers. Pour célébrer cette merveille je scintillerai à 23h30 ✨

Our early universe revealed thanks to #Webb! I will sparkle tonight 11.30pm to celebrate this wonder.

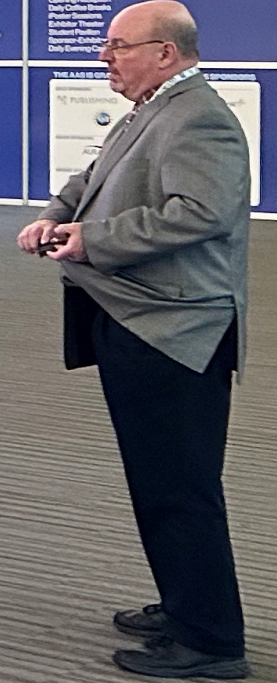
- @ESA_Webb
- @Arianespace
- @NASAWebb
- @arianegroup

Translate Tweet



217.9K views 0:08 / 0:13





ALA 243 125

EXHIBIT HALL HOURS Saturday 7:00 pm - 8:30 pm Sunday 8:00 am - 6:30 pm Monday - Thursday 8:00 am - 6:30 pm Friday 8:00 am - 3:30 pm	POSTER SESSIONS Saturday 8:00 am - 10:00 am Sunday 8:30 pm - 9:30 pm Monday 8:00 am - 9:00 am Tuesday 8:00 am - 9:00 am Wednesday 8:00 am - 9:00 am Thursday 8:00 am - 9:00 am	EXHIBIT HALL ACTIVITIES ALA Academy-Powered Job Boards Book Reviews Daily Career Panels Exhibit Themes Research Presentations Research Exhibits Daily Evening Open House
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THE AASB...

125 YEARS

WELCOME!



AAS Winter Meeting, 1999

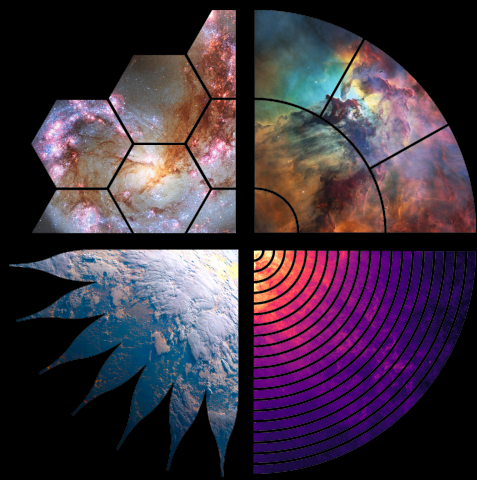


AAS Winter Meeting, 2023



THE NEW GREAT OBSERVATORIES
WWW.GREATOBSERVATORIES.ORG





T H E N E W G R E A T O B S E R V A T O R I E S

W W W . G R E A T O B S E R V A T O R I E S . O R G

In the waning days of the Large Mission Concept Studies, the *NEW GREAT OBSERVATORIES* community coalition was founded by the *LUVOIR, Lynx, HabEx, & Origins* teams.

W W W . G R E A T O B S E R V A T O R I E S . O R G

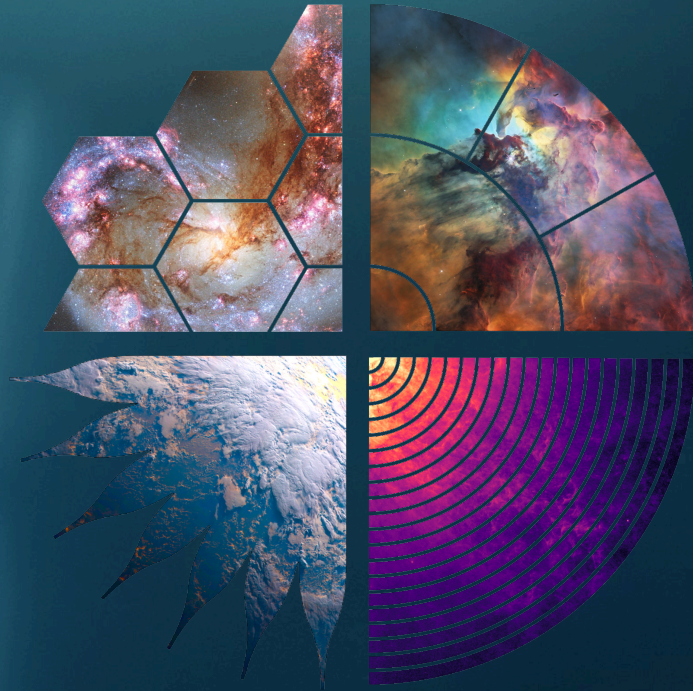
Our mission to **inspire and grow a grassroots community** to advocate for a *fleet of GREAT OBSERVATORIES* amongst stakeholders, policymakers, and the global public.



Now more than 300 members strong, the movement is supported by **six U.S. Senators, Members of Congress**, key personnel at the White House, **and an inclusive team of leaders across academia and industry**. We are forging new partnerships to **align community incentives** in pursuit of a new epoch of cosmic discovery.

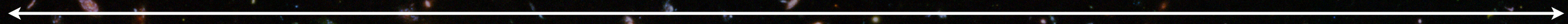
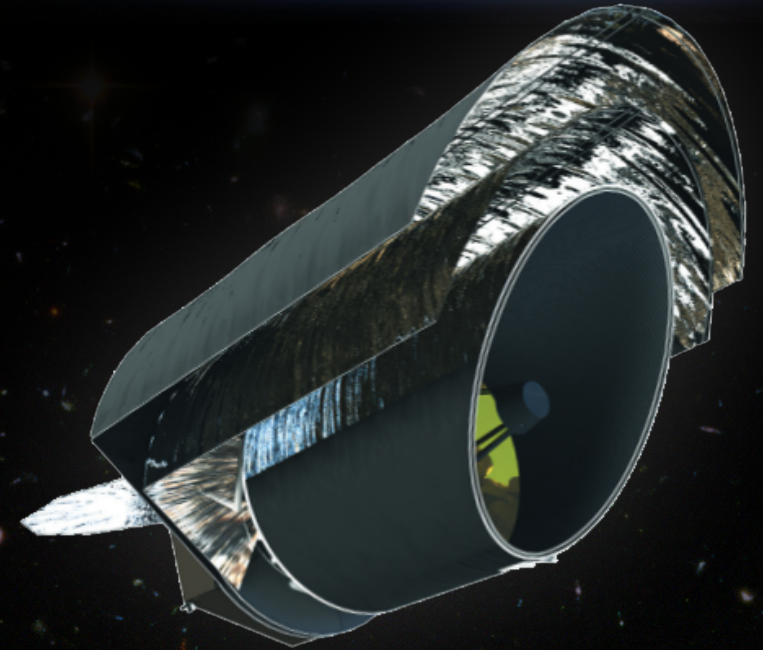
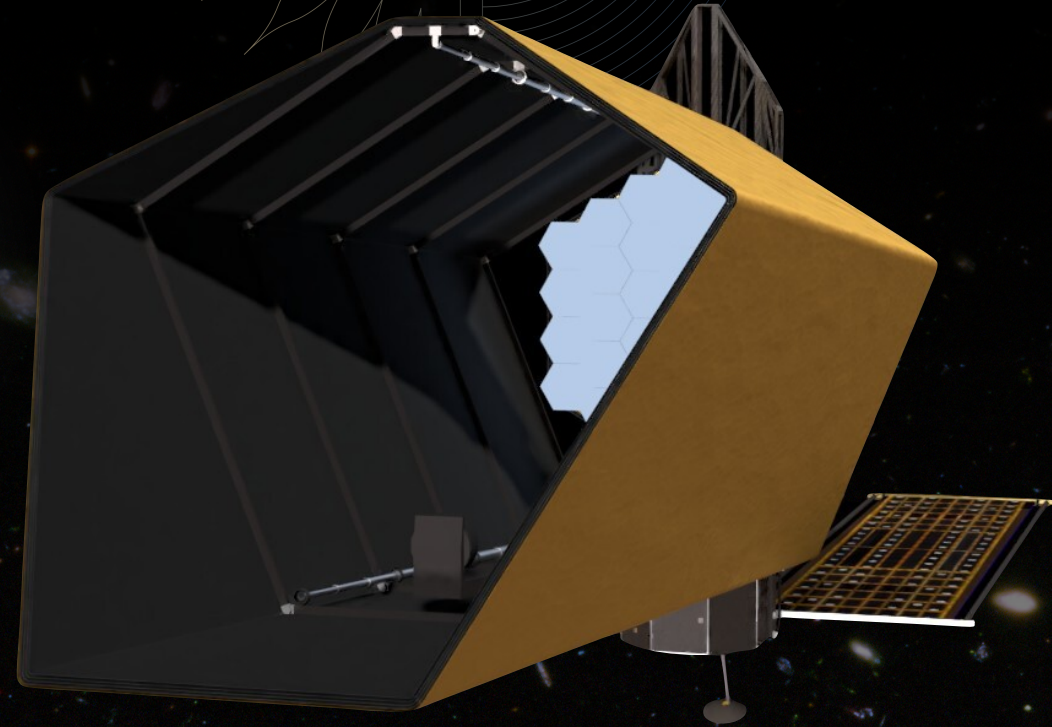
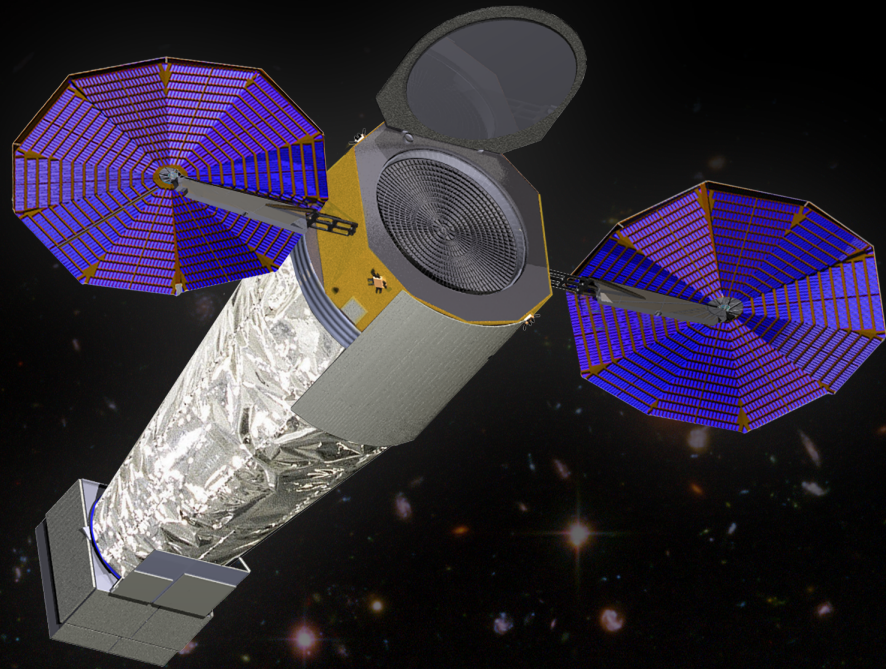
J O I N T H E M O V E M E N T A T

W W W . G R E A T O B S E R V A T O R I E S . O R G



T H E N E W G R E A T O B S E R V A T O R I E S
S C I E N C E A N A L Y S I S G R O U P

THE NEW GREAT OBSERVATORIES



X-RAY

H A B I T A B L E

F A R I N F R A R E D

W R L D S

O B S E R V A T O R Y



T H E N E W G R E A T O B S E R V A T O R I E S

“overlapping or near-simultaneous wavelength coverage is particularly impactful”

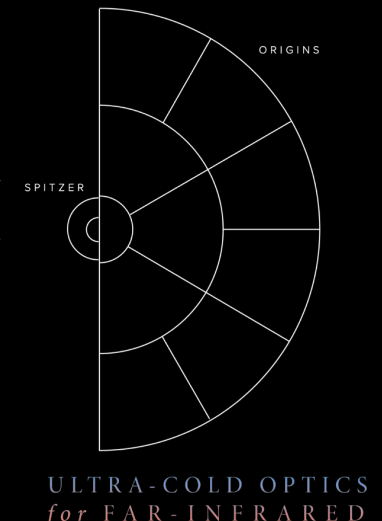
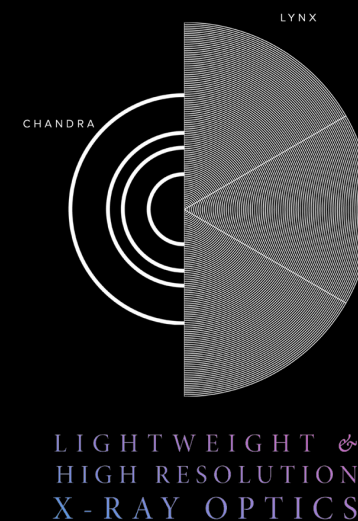
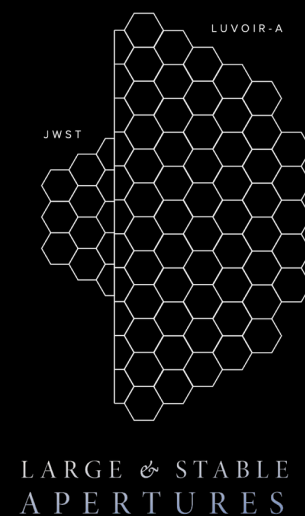
“[the GOMaP is partly intended to] ensure the needed cadence for panchromatic capabilities”

Direct quotes from Astro2020, pages 1 — 18, citing the Great Observatories SAG Report

THE NEW GREAT OBSERVATORIES SCIENCE ANALYSIS GROUP

An approved **Cross-PAG SAG** on scientific advances enabled by a **fleet** of future Great Observatories

We are now soliciting a broad and inclusive slate of community participants *including in SAG leadership roles*. We hope to start work **this winter**.





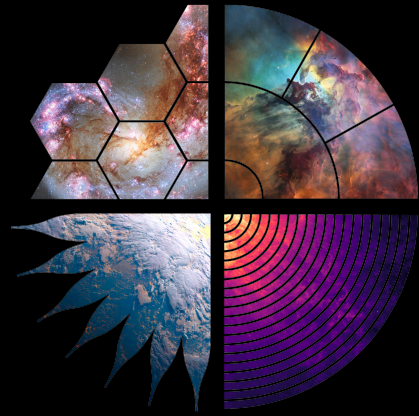
THE NEW GREAT OBSERVATORIES
SCIENCE ANALYSIS GROUP

TERMS OF REFERENCE

To what degree can the Key Science Questions from Astro2020 be advanced by flight of current, imminent, and future IR/O/UV, X-ray, and FIR Great Observatories? What discoveries in the Astro2020 priority areas might *uniquely* be made possible by coordinated use of X-ray through FIR space observatories using powerful and varied instruments? How might gaps be closed by the notional future multi-scale and multi wavelength portfolio, including future explorers and probes?

In the scenario that any or all of these missions not be launched, or if any should not see contemporaneous flight with one another, what are the corresponding scientific impacts with regards to loss of discovery space or inability of the community to address the priority areas of Astro2020?

WWW.GREATOBSERVATORIES.ORG/SAG



THE NEW GREAT OBSERVATORIES
SCIENCE ANALYSIS GROUP

YOUR CO-CHAIRS



JESSIE
CHRISTIANSSEN

HWO Exoplanets



AMANDA
HENDRIX

Planetary



MEREDITH
MACGREGOR

Far-Infrared



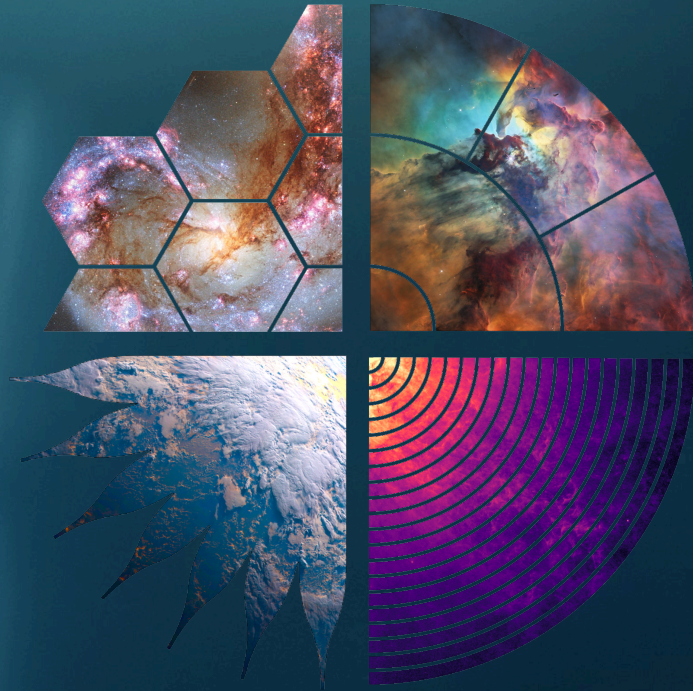
JOHN
O'MEARA

HWO Astrophysics



GRANT
TREMBLAY

X-ray



T H E N E W G R E A T O B S E R V A T O R I E S
S C I E N C E A N A L Y S I S G R O U P