



STScI | SPACE TELESCOPE
SCIENCE INSTITUTE

EXPANDING THE FRONTIERS OF SPACE ASTRONOMY

DD Working Group Updates

JSTUC: 19 September 2023



Background

The Interim Director has commissioned two Working Groups to provide strategic advice for JWST and HST in two science areas:

- Exoplanet research (chair: Seth Redfield)
 - Including an invitation to recommend a Cycle 3 JWST DD program for up to 500 hours
 - See <https://outerspace.stsci.edu/display/HPR/Strategic+Exoplanet+Initiatives+with+HST+and+JWST>
- Long-term monitoring (Chairs: Saurabh Jha, Dana Casetti)
 - Spanning astrometric, photometric and spectroscopic variability
 - Including an invitation to recommend a Cycle 2 JWST DD program for 200+ hours to probe the high redshift universe
 - See <https://outerspace.stsci.edu/display/HPR/Long-term+variability+monitoring+strategies+for+HST+and+JWST>

Both Working Groups were advertised at the summer AAS STScI Town Hall

This presentation summarises the actions taken to solicit community input

The chairs will present progress reports at the upcoming STUC meeting, 11/30-12/1

- The JSTUC will be invited to participate by video link



Strategic Exoplanet Initiatives Working Group

- WG established a regular series of videocons
- WG met in person at STScI on June 14th to formulate plans to inform the community and collect input
 - [Website](#) established with community guide, including Frequently Asked Questions
 - Community invited to attend three 1-hour virtual town halls, including one for Early Career Researchers
 - ~100 attendees at each event
 - Input solicited in two formats
 - An on-line survey
 - Short white papers, submitted via a web form
 - Both sets of input will be reviewed by the WG in anonymous format
 - Only STScI staff supporting the WG (Reid/Sabbi) have access to the author list for white papers
 - Contributions will be acknowledged after the report is complete
- Submission deadline for survey/white papers was September 8th
 - 77 survey responses, 48 white papers
 - Materials have been delivered to the WG members
 - In-person meeting scheduled at STScI for October 4 & 5th



Long-term Monitoring Strategies Working Group

- WG established a regular series of video-cons
- Input solicited via two formats
 - Anonymous on-line survey
 - 1-2 page short contributions submitted by email (not held anonymous)
 - Community invited to attend a virtual town hall
 - ~100 attendees
 - Proceedings were recorded and are available on the charter page
- Submission deadline for survey/short contributions was September 8th
 - 91 survey responses, 39 short contributions
 - Materials have been delivered to the WG members
 - In-person meeting will be scheduled