

THE NANCY GRACE ROMAN SPACE TELESCOPE



Roman Project Status (selected highlights)

- **Wide Field Instrument**
 - Completed Relative Calibration System at Goddard, delivered to Ball Aerospace and installed in WFI
 - Testing of full instrument will begin this summer
- **Coronagraph Instrument**
 - The topic of this entire session!
- **Telescope**
 - The Primary Mirror Assembly (PMA) and Forward Structural Assembly (FSA) (with the Secondary Mirror Assembly) are complete.
- **Spacecraft**
 - Spacecraft bus Primary Structure being prepared to enter clean room
 - High gain antenna arrived at Goddard
 - Reaction Wheel Assemblies arrived at Goddard
- **Ground System**
 - Science Operations Center (at STScI) first software released earlier this month (includes things like planning and scheduling system)
- **Remain on track for October 2026 launch readiness date**

Three Paths for Community Engagement

- **Join Roman Technical Working Groups**
 - Groups pursuing topics of interest across many science areas
 - Two groups currently (calibration, software) but will add more after ROSES proposal selection
 - Simple web sign up page, open to all
- **Submit science pitch/white paper for Core Community Survey definition**
 - Science pitch – few paragraphs describing science case for one of the community surveys, short questionnaire on survey parameters
 - Deadline Feb 17, low bar to entry (i.e. encourage high participation)
 - White papers – several page document with details on science case, sketch of survey design and methods/metrics on how to evaluate science FOM against survey parameters
 - Deadline summer, detail enables more meaningful evaluation
- **Submit proposal to Roman ROSES solicitation**
 - Funding to work on Roman science preparation (including engagement in working groups and survey definition)
 - Deadline March 21

Keeping in touch with Roman

- **Join the Roman news mailing list**
 - sign up to the mailing list by sending an e-mail to Roman-news-join@lists.nasa.gov (no text in the body is required, put something in the subject line)
- **Monthly Roman Community Forum**
 - https://asd.gsfc.nasa.gov/roman_forum/
- **Monthly Roman Virtual Lecture Series**
 - <https://roman.ipac.caltech.edu/Lectures.html>
- **Regular Science Workshops**
 - Next one will be organized by STScI – Roman Science Inspired by Emerging JWST Results, June 20-23
 - <https://www.stsci.edu/contents/events/stsci/2023/june/roman-science-inspired-by-emerging-jwst-results>

Upcoming deadlines

- **Feb 17 (this Friday) - science pitch pitch for core community survey**
 - Please tell us how one of the three core community surveys could address your science!
 - https://roman.gsfc.nasa.gov/science/ccs_community_input.html
- **March 21 – deadline for proposals to the Roman ROSES solicitation**
 - <https://roman.gsfc.nasa.gov/science/roses.html>